

HARVARD SCHOOL OF PUBLIC HEALTH



THE CLASS OF 1939

HARVARD SCHOOL



CLASS

110 STUDENTS

82 Physicians . . . 7 Nutritionists and Biochemists . . .
6 Nurses . . . 4 Veterinarians . . . 2 Dentists . . . 2 Social
Workers . . . 2 Health Educators . . . 2 Biostatisticians . . .
1 Anthropologist . . . 1 Physicist . . . 1 Hospital Admin-
istrator

OF PUBLIC HEALTH



OF 1959

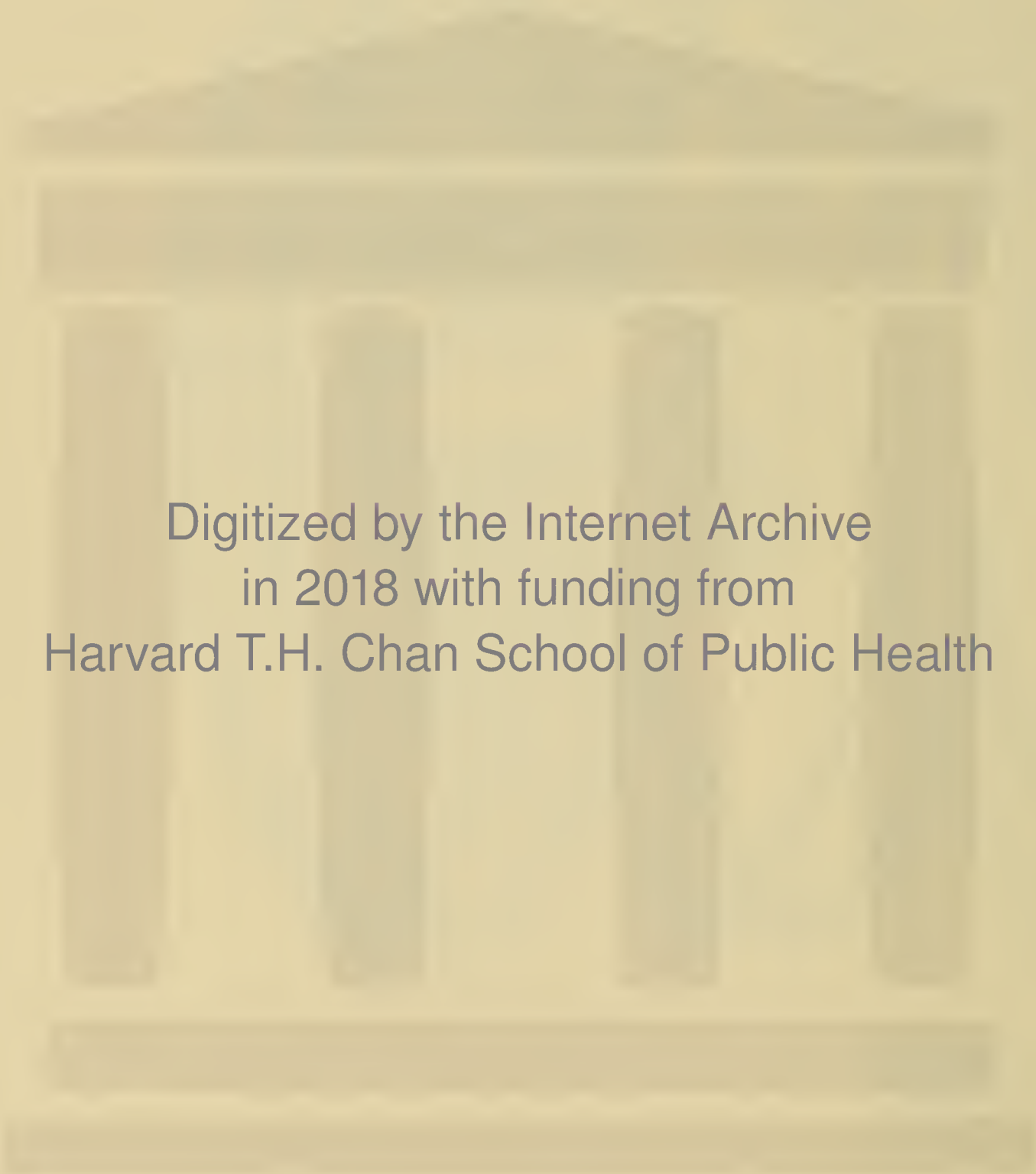
24 COUNTRIES

U. S. A and Canada, 65

Far East and Southeast Asia, 18

Europe, Middle East and Africa, 16

Central and South America, 11



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THE CLASS OF 1959

HARVARD SCHOOL OF PUBLIC HEALTH

BOSTON, MASSACHUSETTS



The Class of 1959
Harvard School of Public Health
would like to express its thanks
and appreciation to
WINTHROP LABORATORIES, INC.
whose generous help
made this book possible





DR. MARTHA MAY ELIOT

D E D I C A T I O N

WE pay tribute to Dr. Martha M. Eliot who has shared with us this year her wisdom and perspective. As a friend, counsellor and skilled teacher, she personifies to us the best in public health leadership.

Dr. Eliot persistently creates and stimulates interest in children and their needs. She has extended the students' vision from the particular needs of an individual child to the needs of children and their families in general. She has brought to the Harvard School of Public Health further understanding of children and their problems, as well as a great knowledge of community welfare development.

Through her work with the Children's Bureau, the World Health Organization, the United Nations International Children's Fund, in her continual concern and effort for children everywhere, she has earned the title of family physician to the children of the world.

The Class of 1959 would like to dedicate its family book to Dr. Martha M. Eliot because of her great contributions to mothers and children.

Dr. Eliot and Dr. Leona Baumgartner, Commissioner of Health, City of New York.

ON the occasion of conferring the Sedwick Award upon Dr. Eliot, Dr. Baumgartner, speaking for the American Public Health Association, 1958, said, "Dr. Martha M. Eliot created a coherent public health program out of the beginnings of the child health movement in this country. She has led child health programs from one success to another. She continues to teach, to guide and to inspire students and colleagues from all parts of the earth."





ONE SHATTUCK

SIDE VIEW, 55 SHATTUCK





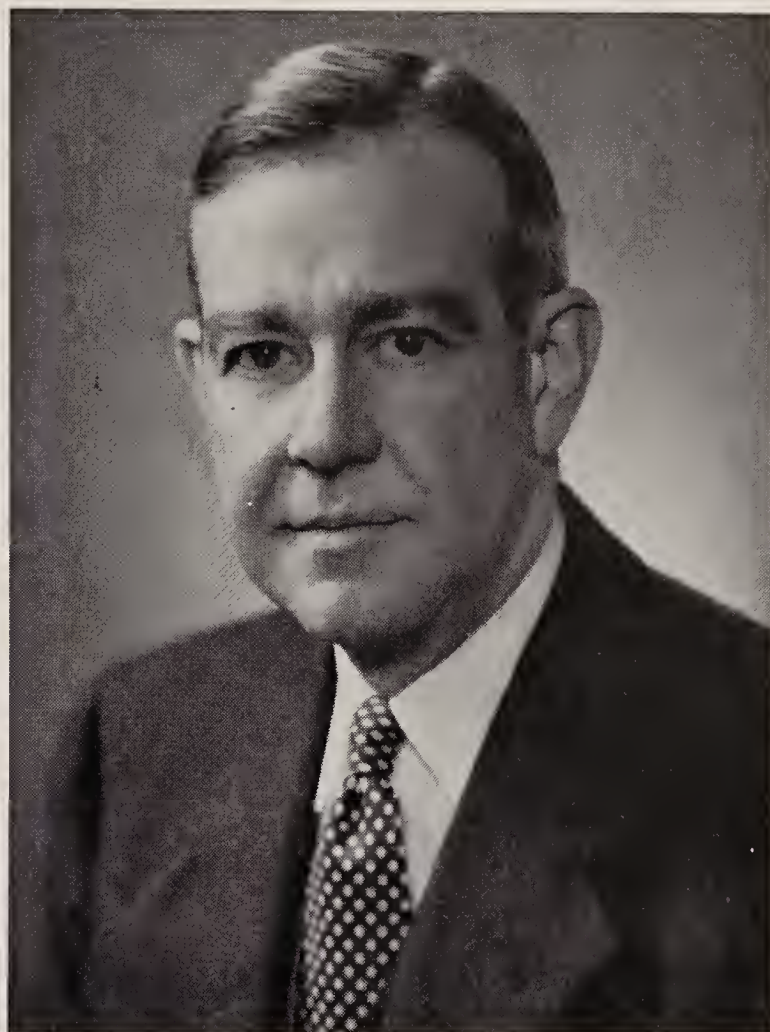


DR. JOHN CRAYTON SNYDER

Dean

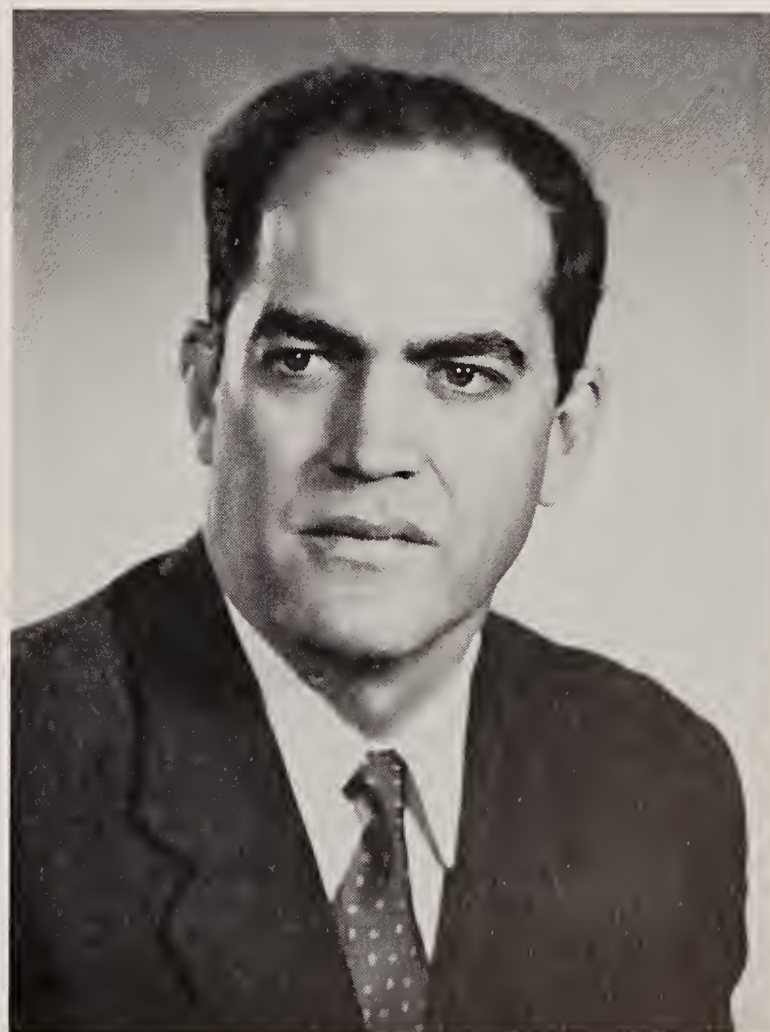
DR. HUGH RODMAN LEAVELL

Assistant Dean



DR. JAMES L. WHITTENBERGER

Assistant Dean





Rear row—Mrs. Barnaby, Dr. Whittenberger, Mr. Spaulding, Dr. Leavell, Miss Reynolds. Front row—Miss Mayerson, Mrs. Forbes, Dr. Snyder, Miss Laskey, Miss Murphy, Mr. Parsons.

ADMINISTRATIVE OFFICERS

JOHN CRAYTON SNYDER, A.B., M.D., *Dean*

HUGH RODMAN LEAVELL, S.B., M.D., Dr.P.H., *Assistant Dean*

JAMES LAVERRE WHITTENBERGER, S.B., M.D., *Assistant Dean*

WILLIAM HATHAWAY FORBES, Dr.Phil., M.D., *Assistant to the Dean and Faculty Advisor for Foreign Students*

ROGER BENHAM SPAULDING, A.B., *Assistant to the Dean*

MARGARET GUSS BARNABY, A.B., *Administrative Assistant to the Dean*

Students enter the school from many professions with varied experience. This we represent by sigma hat — the standard deviation of an unknown universe.





*Seated, left to right—Miss Drolette, Dr. Bartholomay, Dr. Muench, Dr. Reed, Dr. Worcester.
Standing—Mr. Seigel, Mr. Elashoff.*

DEPARTMENT OF BIOSTATISTICS

HUGO MUENCH, A.B., M.D., Dr.P.H., A.M. (hon.), *Professor of Biostatistics and
Head of the Department*

JANE WORCESTER, A.B., Dr.P.H., *Associate Professor of Biostatistics*

ROBERT B. REED, Ph.D., *Associate Professor of Biostatistics*

ANTHONY F. BARTHOLOMAY, A.M., S.D. in Hyg., *Assistant Professor of Mathematical
Biology*

MARGARET E. DROLETTE, A.B., M.P.H., *Associate in Biostatistics*

MINDEL C. SHEPS, M.D., M.P.H., *Assistant Professor of Preventive Medicine*

STUDENTS MAJORING IN BIOSTATISTICS

Miss Yvonne Bishop, Dr. Louis Massé, Mr. Daniel Seigel.



Mr. Flahault plugging away.

ALL students must, at one time or another, take (and *pass*) a course in Biostatistics to meet the requirements for a degree from Harvard School of Public Health. This became almost a catastrophe in some cases and a cause for much anxiety in all cases. To paraphrase Churchill, "Never have so few had so little (background, inclination) to fight so many (new concepts)—and it *was* a battle!" Yet the Department of Biostatistics gets the students' unanimous vote as the most helpful, and in spite of us, we learned some basic principles of biostatistics.

The methods of instruction were a little unique. After a lecture (which was crystal clear to the staff) filled with algebraic manipulations, probability theory and occasionally elementary calculus, groups would huddle and a common comment could be heard: "Wha'd he say?" Then the queues formed in front of the various offices in the department for "personalized instruction." It was here and in the patient and laborious work on the "lab" problems that biostatistics was learned.

The analogy of a family is no better typified than in this department—Dr. Muench, the benevolent, but somewhat awesome, father; Dr. Worcester, ever present and helpful as the mother-type should be (but *not* motherly); Marge, the big sister who never seemed bored with answering the same questions over and over again; Dan and Ray, the brothers who explained and explained, and in doing so, often got into erudite discussions between themselves, complete with blackboard filled with long derivations; Dr. Reed, the uncle who visited once in a while just to throw the opposition into confusion; Dr. Bartholomay, the distant cousin who doesn't even speak the same language as we poor mortals; and lastly, we students—rebellious at times, grateful for any morsels of help and affection and, growing slightly in statistical maturity, thankful for the "family association."



Standing—Dr. Marx. Seated, left to right—Dr. Glass, Dr. West, Dr. Worcester, Dr. Harper, Dr. Prahlad, Dr. Massé, Dr. Sotoodeh, Dr. Flahault, Dr. Velasco, Dr. Fodnes, Col. Caldwell, Dr. MacMahon, Dr. Taylor, Dr. Wilson, Dr. Jerath, Dr. Thieu, Dr. Sen Gupta, Dr. Kannel, Dr. Udomsakdi, Dr. Sample, Dr. Khaw.

DEPARTMENT OF EPIDEMIOLOGY

BRIAN MACMAHON, M.D., Ph.D., D.P.H., S. M. in Hyg., *Professor of Epidemiology and Head of the Department*

JOHN E. GORDON, S.B., Ph.D., M.D., A.M. (hon.), F.R.C.P. (Lond.), *Professor of Preventive Medicine and Epidemiology, Emeritus*

A. DANIEL RUBENSTEIN, A.B., M.D., M.P.H., *Associate Clinical Professor of Epidemiology*

THOMAS F. PUGH, M.D., M.P.H., *Assistant Professor of Epidemiology*

CARL E. TAYLOR, S.B., M.D., F.R.C.P. (Canada), Dr.P.H., *Assistant Professor of Preventive Medicine and Epidemiology*

F. RANDOLF PHILBROOK, S.B., M.D., M.P.H., *Associate in Epidemiology*

CONRAD WESSELHOEFT, M.D., *Visiting Lecturer on Infectious Diseases*

JOHN C. AYRES, S.B., M.D., M.P.H., *Instructor in Epidemiology*

JOHN B. WYON, B.A., M.B., B.Ch., M.R.C.P., *Instructor in Epidemiology*

NICHOLAS J. FIUMARA, A.B., M.D., M.P.H., *Instructor in Epidemiology*

LOUIS WEINSTEIN, S.M., Ph.D., M.D., *Lecturer on Infectious Diseases*



In the epidemiologic jungle.

STUDENTS MAJORING IN EPIDEMIOLOGY

Col. Samuel Caldwell, Dr. Earl Catcott, Dr. Winifred Danaraj, Dr. Daniel Flahault, Dr. Jon Fodnes, Dr. Robert Glass, Dr. George Harper, Dr. William Kannel, Dr. Martin Marx, Dr. Donald Sample, Dr. Otoniel Velasco, Dr. Raymond West.

THE recent appointment of Dr. MacMahon as Head of the Department of Epidemiology has brought about a new orientation of the department. With great progress in the control of infectious diseases has come a shift of emphasis in epidemiology. Chronic and non-infectious diseases such as coronary heart disease, mental illness, and cancer, are receiving more attention because of their high prevalence and the magnitude of the resultant disability. Government and foundation support for such research has increased to the point that there exists a serious shortage of investigators trained and experienced in epidemiologic methods suitable for the investigation of non-communicable disease. Goals of the department include: providing a sound comprehensive course in general epidemiologic method for the MPH curriculum, providing the opportunity for specialists in epidemiology to obtain training in those epidemiologic methods appropriate to the investigation of the non-infectious diseases, and the establishment of research programs in the same area.



Rear row—Joseph J. Fitzgerald, Charles E. Billings, Richard Dennis, Dr. Henry Greenleaf. *Third row*—Dr. Ian A. Marriott, Dr. William G. Simonis, Dr. Victor E. Schulze, Dr. Paul Nugent. *Second row*—Dr. Gerald Parkes, Dr. Melvin J. Krant, Dr. Harry E. Dickson, Dr. Samuel P. Chunn. *First row*—Dr. George F. Wilkins, Dr. Ross A. McFarland. *Standing*—Professor Philip Drinker.

DEPARTMENT OF INDUSTRIAL HYGIENE

PHILIP DRINKER, S.B., Chem.E., S.D. (hon.), LL.D., A.M. (hon.), *Professor of Industrial Hygiene and Head of the Department*

CONSTANTIN P. YAGLOU, B.A., S.B., M.M.E., A.M. (hon.), *Professor of Industrial Hygiene*

LESLIE SILVERMAN, S.D., *Professor of Engineering in Environmental Hygiene*

ROSS A. MCFARLAND, A.B., Ph.D., S.D. (hon.), *Professor of Environmental Health and Safety*

CHARLES R. WILLIAMS, Ph.D., *Associate Professor of Applied Industrial Hygiene*

RICHARD DENNIS, S.M., *Assistant Professor of Industrial Hygiene*

CHARLES E. BILLINGS, S.M., *Assistant Professor of Industrial Hygiene*

ALBERT DAMON, A.B., Ph.D., M.D., *Assistant Professor of Medical Anthropology*

JOSEPH J. FITZGERALD, S.M., *Assistant Professor of Physics in Environmental Hygiene*

ROBERT E. YODER, S.B., *Instructor in Radiological Health*

ROLAND C. MOORE, Ph.D., *Research Associate in Industrial Hygiene*

EDWARD KRISTAL, S.B., *Research Associate in Industrial Hygiene Engineering*

RICHARD G. DOMEY, S.B., Ed.D., *Research Associate in Industrial Hygiene*

LESTER H. LEVENBAUM, S.B., S.M., *Research Associate in Industrial Hygiene Engineering*

STUDENTS MAJORING IN INDUSTRIAL HYGIENE

Dr. Melvin J. Krant, Dr. Harry E. Dickson, Dr. Douglas J. W. Taylor, Dr. William G. Simonis, Mr. Robert V. Fultyn.



Flight surgeons—Ross McFarland and his boys.
Left to right—Dr. Zellmer, Dr. Betz, Dr. Marriott, Dr. Stevenson, Dr. McFarland, Dr. Hobbs,
 Dr. Parkes, Dr. Chunn, Dr. Schulze, Dr. Nugent.

AVIATION MEDICAL GROUP

Dr. Richard N. Betz, Dr. Samuel P. Chunn, Dr. W. J. Hobbs, Dr. Victor E. Schulze, Dr. Ian A. Marriott, Dr. Gerald Parkes, Dr. W. J. C. Stevenson, Dr. R. W. Zellmer, Dr. J. Miller, Dr. Brian O'Doherty, Dr. Thomas O. Nevison, Jr.

THE aims of this department are to unite the various disciplines of engineering and medicine into one coordinated package and to do so in such a manner that it will be intelligible to both the physicians and engineers which comprise the classes. This is a most difficult task, but one which is very ably accomplished by all members of the department. The rapidly growing interest in the problems of air pollution, radiation, aviation health and safety and occupational health and safety is evidenced by the unprecedented (and somewhat unexpected) size of the classes in those elective courses which dealt with these problems.

The value of the instruction is enhanced by the close association of theory and practice. Numerous laboratory exercises, clinics, and field trips illustrate concepts (and provide a break from long hours of lecture) and the frequent use of visiting lecturers brings the latest ideas and problems from industry to the "ivory towers."

This department may be considered an "extended family" of four fairly distinct groups which deal with the whole field of Industrial Health but use somewhat different approaches. Industrial Hygiene considers the problems of air pollution, noise, air conditioning and heating from the engineering aspects; Occupational Medicine emphasizes the clinical or medical side of these areas; Radiological Hygiene deals specifically with ionizing radiation but utilizes principles learned in industrial hygiene and occupational medicine; and Aviation Medicine applies all the principles of preventive medicine and public health to the special problems of the aviation industry. All the groups then assemble for a reunion in the survey courses such as Environmental Hygiene.



Back row, left to right—Miss Wettach, Dr. Stitt, Dr. Eliot, Dr. Meyer, Miss O'Donoghue, Dr. Post, Judith Schoellkopf (Visiting Lecturer), Dr. William Schmidt, Mrs. Ruth G. Cumings, Dr. Leon Sternfeld. Seated around table—Dr. Harfouche, Dr. McNamara, Dr. de Vega, Dr. Dhillon, Dr. Morris, Dr. Valadian, Miss Rice, Dr. Govaerts, Dr. Demello, Miss Hosack.

DEPARTMENT OF MATERNAL AND CHILD HEALTH

MARTHA M. ELIOT, A.B., M.D., L.H.D., S.D. (hon.), LL.D., *Professor of Maternal and Child Health and Head of the Department*

HAROLD C. STUART, Litt.B., M.D., A.M. (hon.), *Professor of Maternal and Child Health, Emeritus*

BERTHA S. BURKE, A.M., *Associate Professor of Maternal and Child Nutrition*

ELIZABETH P. PRICE, A.B., S.M., *Associate Professor of Public Health and Social Work*

WILLIAM M. SCHMIDT, M.D., *Associate Professor of Maternal and Child Health*

SAMUEL B. KIRKWOOD, A.B., M.D., *Clinical Professor of Maternal Health*

PAULINE G. STITT, M.D., M.P.H., *Assistant Professor of Maternal and Child Health*

RUTH G. CUMINGS, S.B., A.M., *Assistant Professor of Maternal and Child Health Nursing*

CARLOTTA WETTACH, A.B., A.M., *Instructor in Public Health Social Work*



The Johns introduce the first class baby of . . . The suspense mounts—is it a boy or girl.
the year to Pauline Stitt . . .

STUDENTS MAJORING IN MATERNAL AND CHILD HEALTH

Dr. Claudia Demello, Dr. Harbans Dhillon, Dr. Jamal Harfouche, Miss Alice Hosack, Dr. Charlotte John, Dr. Monique Govaerts, Dr. Genevieve Masse, Dr. Roger Meyer, Dr. Naomi Morris, Miss Kathleen O'Donoghue, Dr. Cornelius Post, Dr. Virginia McNamara.

THE "Public Health Family" is perhaps symbolized most clearly by the Maternal and Child Health Department. The spirit of instruction drawn from Dr. Eliot and her team of teachers focuses each profession dynamically and effectively on problems of children and their families. A rich fund of understanding and wide practical experience characterized the teaching activities from the basic course with its "Fund B" and historical overview, to the advanced studies dealing with more detailed work with crippled children's programs, delinquency and the like. True to the spirit of the department, students are given action assignments throughout the country as part of the yearly "field" migrations, giving firsthand knowledge of a community's problems and medical care.

Active participation in both established and spontaneous community programs in Boston and the country at large provides teaching and research resource for a number of actively ongoing projects. Community health centers, schools, health departments, day care centers are some of the teaching opportunities. Members of the department "family" are frequently sought as visiting lecturers and consultants here and in other countries. The department also continuously carries out research projects on the problems and needs of children. An unusual community contact has been provided since 1930 by Dr. Stuart's famous longitudinal growth and development study now gathering data and experience together for one of the great classics in the field.



First row, left to right—Dr. Robert Shihman Chang, Dr. Edward Stevenson Murray, Miss Barbara Theobald, Dr. William L. Jellison, Dr. John Crayton Snyder, Dr. Robert Brown Pennell. Second row—Susan Adam Myers (Mrs.), Miss Mary Jane Francis, Dr. Johannes Ipsen, Jr., Miss Jane Driscoll, Miss Helen Liepens, Miss Ann Abbott. Third row—Dr. John William Vinson, Dr. Samuel Dennis Bell, Jr., Dr. James E. Froeschle, Dr. Suchinda Udomsadki.

DEPARTMENT OF MICROBIOLOGY

JOHN C. SNYDER, A.B., M.D., *Professor of Microbiology and Head of the Department*

EDWARD S. MURRAY, A.B., M.D., M.P.H., *Associate Professor of Microbiology and Assistant Physician to University Health Services*

JOHANNES IPSEN, C.A., C.M., Dr.Med., M.P.H., *Associate Professor of Public Health and Superintendent of the Institute of Laboratories, Massachusetts Department of Public Health*

ROBERT S. CHANG, S.B., M.D., S.D. in Hyg., *Assistant Professor of Microbiology*

SAMUEL D. BELL, JR., A.B., M.D., M.P.H., *Assistant Professor of Microbiology*



"The egg comes first" in microbiology.

STUDENTS MAJORING IN MICROBIOLOGY

Dr. James E. Froeschle, Dr. Suchinda Udomsadki.

THE Microbiology family has functioned as a team not only in teaching, but also in collaborating with investigations of mutual interest in other parts of the world. Special interests of the Department of Microbiology have included rickettsial and viral diseases, properties of human cells in tissue culture, problems of immunology and biologic aspects of host-parasite relationships. In Yugoslavia there is continued interest in the immunization of man against certain rickettsial diseases. Since 1954 trachoma research has been carried on by the joint efforts of the Department of Microbiology and the Arabian-American Oil Company. All of the school faculty members concerned in the trachoma project have devoted time to field and laboratory investigations in Saudi Arabia. One of the products of this cooperative endeavor has been the finding of a strain of trachoma virus which is toxic to small laboratory animals. This may facilitate finding whether trachoma viruses from different regions are similar, information which is important in progress toward the development of an efficient vaccine. Previously the only way to study immunity in trachoma was to experiment on human beings or apes.



First row, left to right—Miss Serene Lochaya, Dr. Louis C. Fillios, Miss Mary B. McCann, Dr. D. Mark Hegsted, Dr. Joseph J. Vitale, Miss Patricia Stefanik, Dr. Jean Mayer, Dr. Martha F. Trulson, Dr. Bothaina El-Boghdadi, Miss Marilyn Thompson. Second row—Dr. John DiGiorgio, Dr. Stephen B. Andrus, Dr. Earl E. Hellerstein, Dr. Oscar W. Portman, Dr. Robert P. Geyer, Dr. Tamara de Vega, Dr. Gerado Zapata, Dr. Kon-Taik Khaw.

DEPARTMENT OF NUTRITION

FREDRICK J. STARE, S.M., Ph.D., M.D., A.M. (hon.), *Professor of Nutrition and Head of the Department*

DAVID M. HEGSTED, S.M., Ph.D., *Associate Professor of Nutrition*

ROBERT P. GEYER, S.M., Ph.D., *Associate Professor of Nutrition*

JEAN MAYER, B.A., Ph.D., D.Sc., *Associate Professor of Nutrition*

MARTHA F. TRULSON, S.B., M.P.H., S.D. in Hyg., *Associate Professor of Nutrition*

STEPHEN B. ANDRUS, S.B., M.D., *Assistant Professor of Pathology*

STANLEY N. GERSHOFF, A.B., S.M., Ph.D., *Assistant Professor of Nutrition*

OSCAR W. PORTMAN, S.B., M.D., *Assistant Professor of Nutrition*

JOSEPH J. VITALE, S.M., S.D. in Hyg., *Assistant Professor of Nutrition*

MARY Q. BOLLIGER, A.B., S.M., Ph.D., *Associate in Nutrition*

ELIZABETH K. CASO, S.M., *Instructor in Nutrition*

MARY B. MCCANN, S.B., M.P.H., *Instructor in Nutrition*



Counting the calories.

STUDENTS MAJORING IN NUTRITION

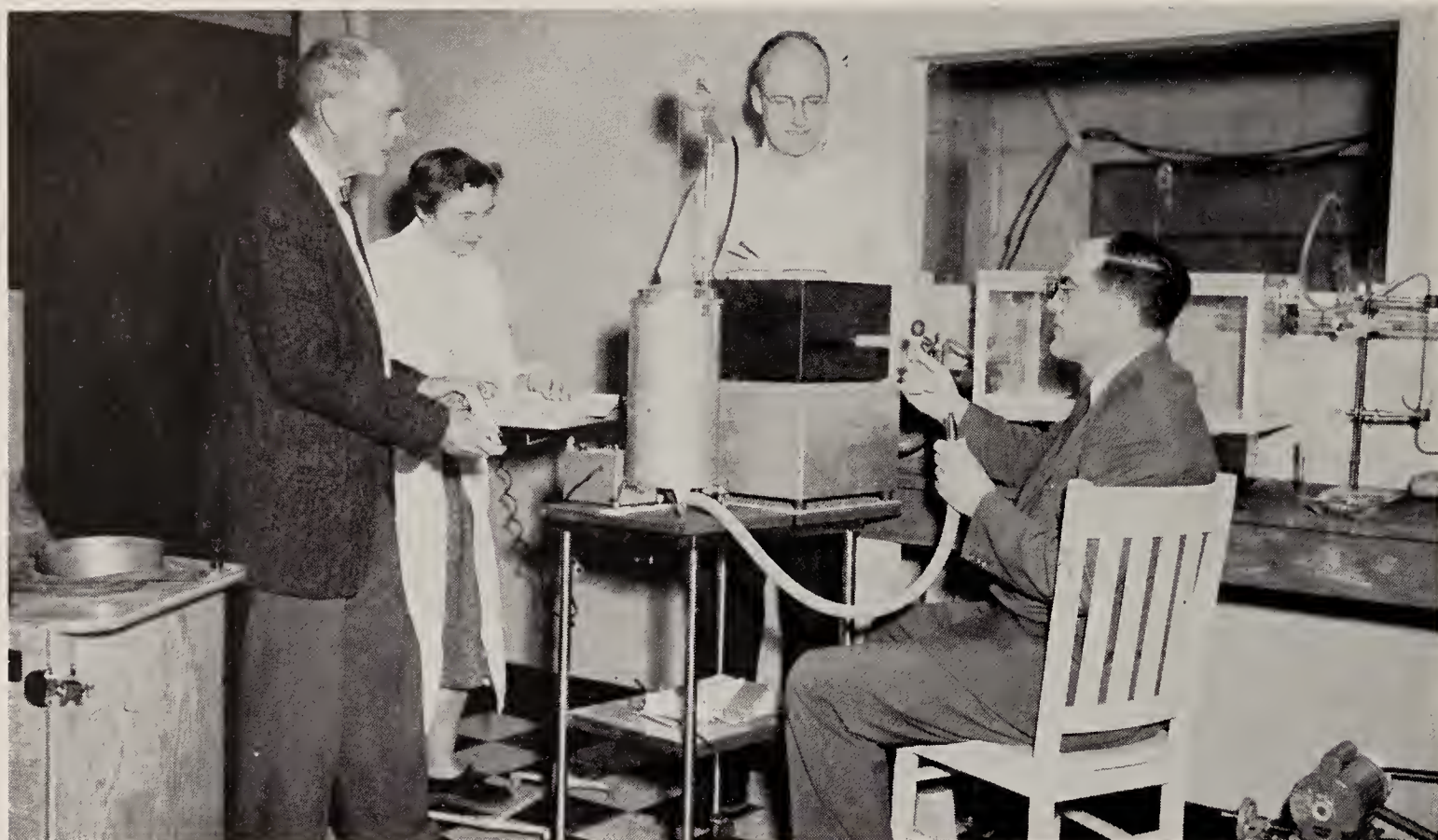
Miss Beverly Bullen, Dr. Tamara de Vega, Dr. Bothaina El-Boghdadi, Dr. Kon-Taik-Khaw, Mrs. Nichole S. G. Leboeuf, Miss Hsiang Ju Lin, Miss Serene Lochaya, Dr. Lillian Pothier, Mr. William Reddy, Miss Lucilla Sogandares, Miss Saovanee Sudsaneh, Dr. Gerardo G. Zapata.

THE "Public Health Family" is kept up to date on nutritional knowledge by the considerable variety of educational opportunities sponsored by the Department. From the basic "beginner's course" to the advanced seminars, instruction at every level is designed to acquaint the students and staff with the latest developments in the laboratory and in the field.

Publications of the Nutrition Department keep the editors of scientific and medical journals well supplied with material. The Department itself takes an active role in the production of "Nutrition Reviews," monthly summaries of recent developments.

In keeping with the pioneering spirit of the Department, many research studies are always underway. At the present time, a majority of these are concerned with the relationship of diet to atherosclerosis. The fatty acid content of the diet, its influence on serum cholesterol, and the role of magnesium and blood vessel integrity are among the topics under scrutiny.

But the Department of Nutrition is more than a Harvard research "kitchen." Cosmopolitan interests take its members to all parts of the globe. A recent study is now in progress in Colombia to study certain families of obese monkeys; this study may provide answers to the questions involved in overweight and the development of atherosclerosis in primates.



Left to right—Dr. Forbes, Dr. Amdur, Dr. Mead, Dr. Whittenberger.

DEPARTMENT OF PHYSIOLOGY

JAMES L. WHITTENBERGER, S.B., M.D., *James Stevens Simmons Professor of Public Health, Professor of Physiology and Head of the Department*

JERE MEAD, S.B., M.D., *Associate Professor of Physiology*

BENJAMIN G. FERRIS, JR., A.B., M.D., *Associate Professor of Environmental Health and Safety*

EDWARD P. RADFORD, JR., M.D., *Associate Professor of Physiology (from December 1, 1958)*

WILLIAM H. FORBES, Dr.Phil., M.D., *Lecturer on Physiology*

MARY O. AMDUR, S.B., Ph.D., *Assistant Professor of Physiology*



Breathe deeply.

IN its teaching program, the Department of Physiology teams with Industrial Hygiene to present basic courses in the field of environmental hygiene. The unique research interests of this shy family, however, remain somewhat of a mystery to students, who have a vague impression of barking dogs and the importance of the respirometer.

Under Asst. Dean Whittenberger's direction, the major emphasis of current research is respiratory and environmental physiology. Dr. Amdur investigates the effect on guinea pigs of inhalation of gaseous irritants (such as sulphur dioxide) and the enhancement of toxic effect when the gas is in combination with aerosols. These studies are of great importance in defining the problem of air pollution. Dr. Mead's work is concerned with what might be called basic breathing, primarily the measurement of pulmonary function. Dr. Forbes, known for his work in physical fitness, is planning to initiate a series of experiments on fatigue and recovery in small muscles. He also is kept busy acting as Faculty Advisor to foreign students.

The barking dogs can be explained by the department's research on circulatory physiology. A sample article title will make everything clear: "Effects of Vagus Stimulation and of Acetylcholine on Myocardial Contractility, O_2 Consumption and Coronary Flow in Dogs"—which is enough to make any dog bark.



Seated, left to right—Dr. Milo D. Leavitt, Jr., Dr. Robert T. Cutting, Dr. William Hafner, Jr., Dr. Sol Levine, Dr. Leonid Snegireff, Dr. Hugh R. Leavell, Miss Bernice Wright, Dr. Barbara Terrile Ganem, Dr. David Seveler. *Standing*—Dr. Gertrude Woodruff, Dr. Jean Henri Puyet, Dr. Henry Greenleaf, Dr. Zekin Shakhashiri, Dr. Leon Taubenhau, Dr. Edward Mason, Mr. Michael Rodzenko, Dr. Harry T. Phillips, Mr. Jerry Solon, Miss Charlotte Owens, Dr. Marjorie A. C. Young, Dr. Louisa Howe, Dr. Ascher J. Segall, Mrs. Ruth G. Cumings, Dr. Thomas Plaut, Dr. Leon Sternfeld, Dr. Fernando Serpa-Florez, Dr. Maurice M. Osborne, Jr., Mrs. Martha Breed.

DEPARTMENT OF PUBLIC HEALTH PRACTICE

DR. HUGH R. LEAVELL, *Professor of Public Health and Head of the Department, Assistant Dean*

DR. LEONID SNEGIREFF, *Associate Professor of Chronic Disease Control*

DR. GERALD CAPLAN, *Associate Professor of Mental Health*

DR. BENJAMIN PAUL, *Associate Professor of Social Anthropology*

DR. OZZIE SIMMONS, *Associate Professor of Social Anthropology*

DR. SOL LEVINE, *Assistant Professor of Social Anthropology*

DR. HELEN L. ROBERTS, *Lecturer on Public Health Practice*

IRWIN T. SANDERS, Ph.D., *Lecturer on Sociology*

DR. ALFRED FRECHETTE, *Clinical Professor of Public Health Practice, Commissioner of Health, Commonwealth of Massachusetts*

DR. EDWARD MASON, *Assistant Professor of Mental Health*

DR. MARJORIE A. C. YOUNG, *Assistant Professor of Health Education*

MARY LEE INGBAR, Ph.D., M.P.H., *Lecturer on Medical Economics*

LOUISA P. HOWE, Ph.D., *Lecturer on Mental Health*

MISS CHARLOTTE OWENS, M.P.H., *Instructor in Mental Health*

DR. LEON J. TAUBENHAUS, *Instructor in Public Health Practice*

DR. JAMES DUNNING, *Lecturer on Public Health Dentistry, Harvard School of Dental Medicine, Director, Dental Health Service, University Health Service*

CECIL G. SHEPS, M.D., *Clinical Professor of Preventive Medicine, HMS and General Director, Beth Israel Hospital*
 WILLIAM J. CURRAN, *Lecturer on Law, Department of Legal Medicine, HMS (Professor of Legal Medicine, Director of Law-Medicine Research Institute, Boston University)*
 DR. KENNETH I. E. MCLEOD, *Instructor in Public Health Practice*
 DR. ZEKIN SHAKHASHIRI, *Visiting Associate Professor in Public Health Practice*
 DAVID M. KAPLAN, *Instructor in Mental Health*
 DR. DEAN CLARK, *Clinical Professor of Preventive Medicine HMS and General Director of the Massachusetts General Hospital*
 MR. JERRY SOLON, *Instructor in Medical Care*
 DR. SIDNEY LEE, *Associate in Public Health Practice*
 DR. FRANZ GOLDMANN, *Associate Professor of Medical Care, Emeritus*

STUDENTS MAJORING IN PUBLIC HEALTH PRACTICE

Dr. Augusto Aguilera, Mrs. Marion Edna Alexander, Mrs. Judith Mogil Blanc, Miss Ellen Ann Cain, Dr. Louis J. P. Calisti, Dr. John W. Carr, Dr. Felix Cohen, Miss Amney C. Caurdy, Dr. Robert T. Cutting, Dr. Barbara Terrile Ganem, Mrs. Lorraine V. Klerman, Dr. Jean Henri Puyet, Dr. Fernando Serpa-Florez, Miss Bernice Wright, Dr. William Hafner, Jr., Dr. Milo D. Leavitt, Jr., Mrs. Irene D. Merker, Dr. Maurice M. Osborne, Jr., Mr. Michael Rodzenko, Dr. Ascher J. Segall, Miss Janet Elaine Waite, Miss Gertrude Woodruff.

THE largest department in the School, Public Health Practice, unites many lineages into a clan concerned with myriad activities of teaching, research, and active participation in public health programs. The non-resident clan members who, while working as Health Officers, lecture and lead discussions in school courses help keep the connection between theory and practice strong.

Dr. Leavell, the busy head of the clan, presides over many things, including the tribal initiation rite called PHP 1b,c. There he explains (with puns) the principles of preventive medicine and administration and coaxes every student through the diabolically complete outline, *Solving a Community Problem*. Dr. Shakhashiri acts as assistant chief (or in Polynesian, "talking chief"), holding tireless discussions with confused students, delivering memorable final lectures, and justifying extra assignments.

The separate lineages that make up the clan each have a specialty and their own place of residence. The Mental Health Unit, under Dr. Caplan, continues its unique research and consultation program based in the Whittier Street Health Center. Dr. Caplan's lucid lectures on mental health in 40b,c were one of the high points of the year. Students become familiar with the Social Science Unit in the first quarter through the well organized crash course on the Human Community. Under Dr. Paul, Dr. Levine and others, research into reactions to fluoridation programs and community organization flourishes. Health Education, led by Dr. Young, impressed the students by their practical demonstrations of the team approach and the profession's techniques before lecture and seminar groups. The Chronic Disease Unit, represented by Dr. Snegireff, emerged from intensive cancer research to contribute excellent lectures on the special problems of this growing public health interest. Dr. Ingbar, in the Medical Care Program, was able to give provocative presentations of medical economics, while increasing the population of the clan.

Such are the activities of this large kin group that are best known to the class. They indicate only a small proportion of the clan's contribution to public health.



Dr. Gordon M. Fair, Dr. Harold A. Thomas.

DEPARTMENT OF SANITARY ENGINEERING

GORDON M. FAIR, S.B., S.M. (hon.), Dr. Eng. (hon.), *Abbott and James Lawrence Professor of Engineering, Gordon McKay Professor of Sanitary Engineering and Head of the Department*

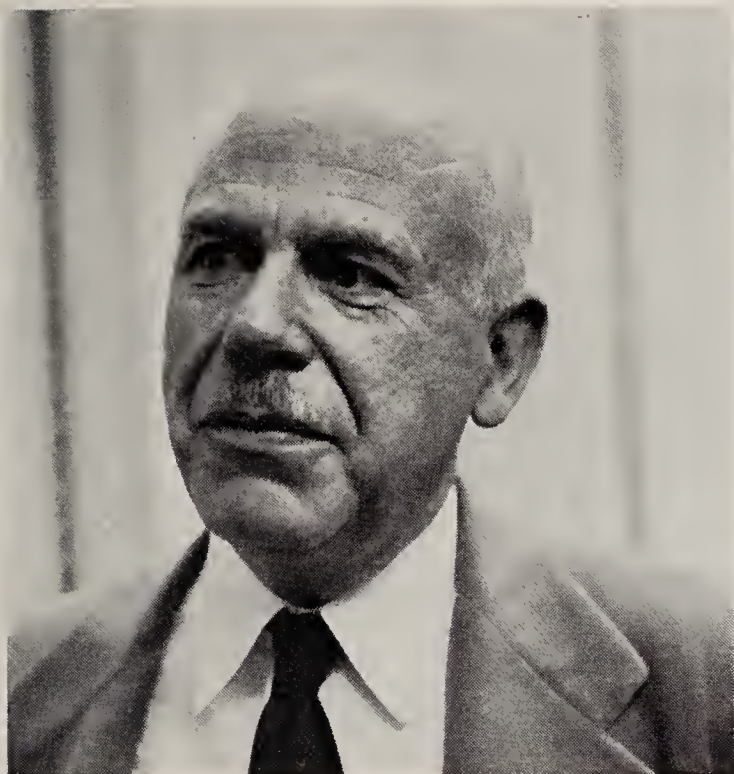
HAROLD A. THOMAS, JR., S.D., *Gordon McKay Professor of Civil and Sanitary Engineering*

J. CARRELL MORRIS, S.B., Ph.D., *Gordon McKay Professor of Sanitary Chemistry*

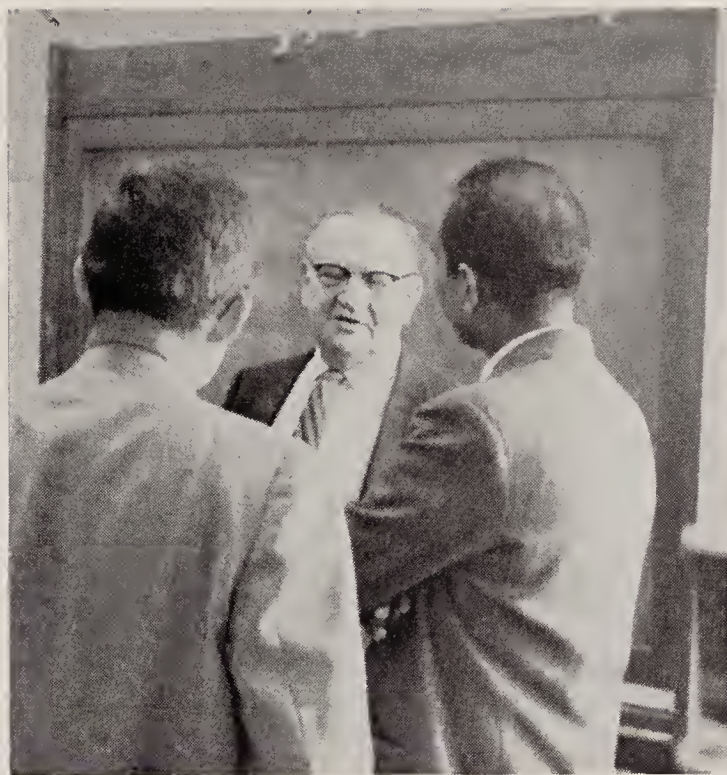
RALPH E. WHEELER, A.B., M.D., Dr.P.H., *Lecturer on Sanitary Biology*

LEON A. BRADLEY, S.B., Ph.D., *Lecturer on Sanitary Engineering*

WILFRED B. KRABEK, S.M., *Instructor in Sanitary Biology*



Always check the lobster tail.



The problem with swimming pools . . .

THE principal objective of the Sanitary Engineering Department is to present the engineering aspect of this area of the health sciences to those oriented toward the biological aspects. The courses are not intended to make engineers out of physicians but merely to acquaint them with all ramifications of the problems so that better co-operation may be achieved. It is ridiculous, for instance, for a public health physician to insist on an excessive standard of purity which is, from the engineering viewpoint, uneconomical, or frankly impossible.

Besides the broad principles related to water supply and purification, sewerage and sewage treatment, refuse collection and disposal and food, milk, and shellfish sanitation, many other pearls of wisdom (of more immediate interest) were acquired, such as: why oysters can only be eaten in the "R" months, how to pick out a fresh lobster in a restaurant, and that Hood Milk Company products are delicious.

Probably the memories of Sanitary Engineering 1b will include the polish and humor of Prof. Fair's lectures, the differential equations of Dr. Thomas and the concern of Dr. Bradley for better trained sanitarians.

Certainly this course must have the recommendation that it dealt in concrete facts during a period in the curriculum when abstract concepts abounded elsewhere.



Standing, left to right—Edward H. Michelson, Edwin Lee Child, Marenas R. Tripp, Rafael Mathews Pinto, Eli Chernin, Chia-tung Pan. Seated—Franklin A. Neva, Miss Margaret Mahoney, Thomas H. Weller, Donald L. Augustine, Guru P. Sen Gupta.

DEPARTMENT OF TROPICAL PUBLIC HEALTH

THOMAS H. WELLER, A.B., S.M., M.D., LL.D., *Richard Pearson Strong Professor of Tropical Public Health and Head of the Department*

GEORGE C. SHATTUCK, A.B., M.D., A.M. (hon.), *Clinical Professor of Tropical Medicine, Emeritus*

DONALD L. AUGUSTINE, S.B., S.D., S.D. (hon.), A.M. (hon.), *Professor of Tropical Public Health*

FRANKLIN A. NEVA, S.B., M.D., *Associate Professor of Tropical Public Health*

ELI CHERNIN, S.B., A.M., S.D., *Assistant Professor of Tropical Public Health*

CHIA-TUNG PAN, B.Sc., M.D., M.P.H., *Instructor in Tropical Public Health*

EDWARD H. MICHELSON, S.M., Ph.D., *Instructor in Tropical Public Health*

JAMES B. HANSHAW, A.B., M.D., *Research Fellow in Tropical Public Health*

MARENES R. TRIPP, A.B., S.M., Ph.D., *Research Fellow in Tropical Public Health*

STUDENTS MAJORING IN TROPICAL PUBLIC HEALTH

Dr. Edwin Child, Dr. Rafael A. Matheus-Pinto, Dr. Guru Prasad San Gupta.



Through the jungle with L. Masse.

IN 1949 the Department of Tropical Public Health formally became a member of the Harvard School of Public Health family. It evolved from the separate Department of Comparative Pathology established in the Medical School in 1896 by Dr. Theobald Smith, and the School of Tropical Medicine founded in 1913. Its development was shaped by the illustrious men of medicine who led the parent departments and have fostered its growth. Among them have been Nobel prize winners, investigators, clinicians and scientists of world fame including Smith, Shattuck, Strong, Sellards, Theiler, Bequaert, Tyzzer, Dubois, Augustine and Weller.

Adaptation has been a keynote in the evolution of the department. Earlier orientation was toward clinical tropical medicine, whereas emphasis is now placed upon the ecological, epidemiological, pathogenetic and preventive aspects of the communicable disease prevalent in tropical regions. In addition to providing Master of Public Health candidates with an integrated presentation of information on communicable diseases of major public health importance, the department has broad research interests concerning pathogens ranging from viruses to helminths. Tissue culture techniques applied to a variety of agents and biological investigations of the molluscan vectors of schistosomiasis comprise areas of major interest.



First row, left to right—Katherine Fitzpatrick, Jean Ruttenberg, Peggy Salmon, Janet Buckingham, Nicholina Giordano. Second row—Janet McCarthy, Dorothy Schneider, Mildred Schaefer, Mary Ingalls. Third row—Helen Sheehan, Sylvia Hanson, Claire Wasserboehr, Elaine Andrews. Fourth row—Lois Pierce, Carol Goddard, Constance Brown, Stella Nieland. Fifth row—Stefana Puleo, Marianne Sugarman, Joan Duddy, Barbara Lowe, Patricia Rak.

SECRETARIES

ELAINE ANDREWS, *Maternal and Child Welfare*

JANET BUCKINGHAM, *Nutrition Department*

KATHERINE FITZPATRICK, *Gerontology and Chronic Disease*

NICHOLINA GIORDANO, *Nutrition Department*

SYLVIA HANSON, *Nutrition Department*

MARY INGALLS, *Nutrition Department*

JANET MCCARTHY, *Development Office*

JEAN RUTTENBERG, *Maternal and Child Health*

PEGGY SALMON, *Mental Health*

MILDRED SCHAEFER, *Maternal and Child Health*

DOROTHY SCHNEIDER, *Social Science Unit*

HELEN SHEEHAN, *Public Health Practice*

CLAIRE WASSERBOEHR, *Biostatistics Department*

The Class of 1959



The Class of 1959 family statistics:
Children: 101 . . . in 42 families, including 11 new babies, 4 borne by class of 1959 women.
52 married families.



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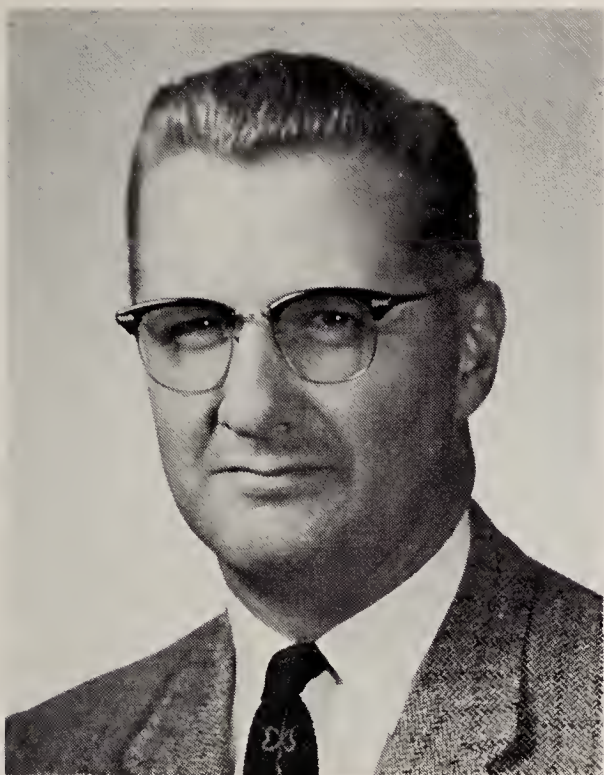
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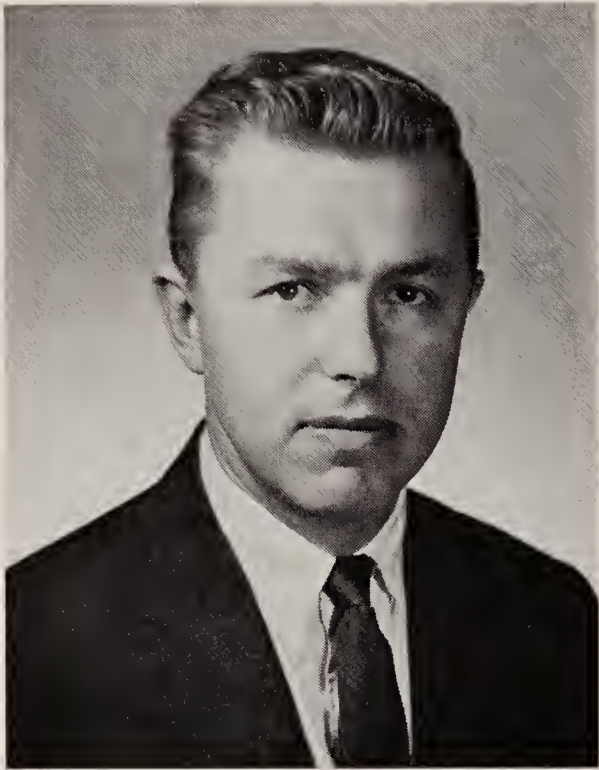
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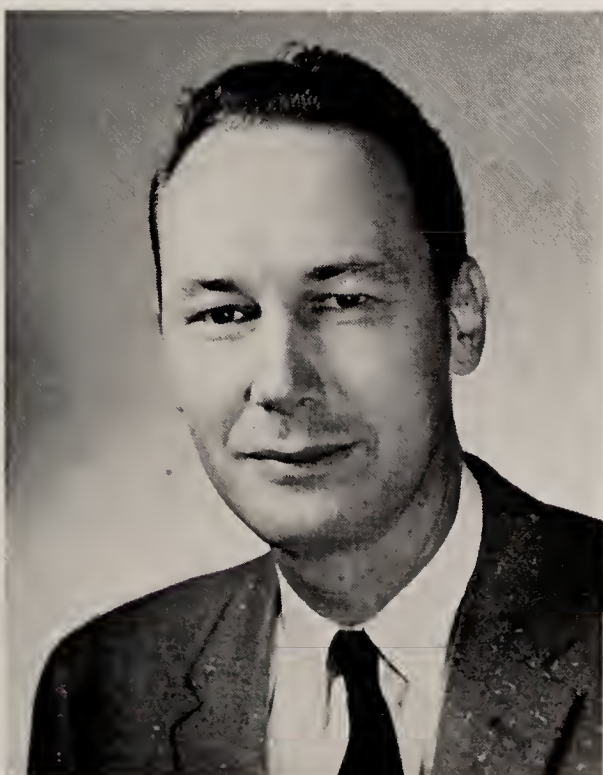
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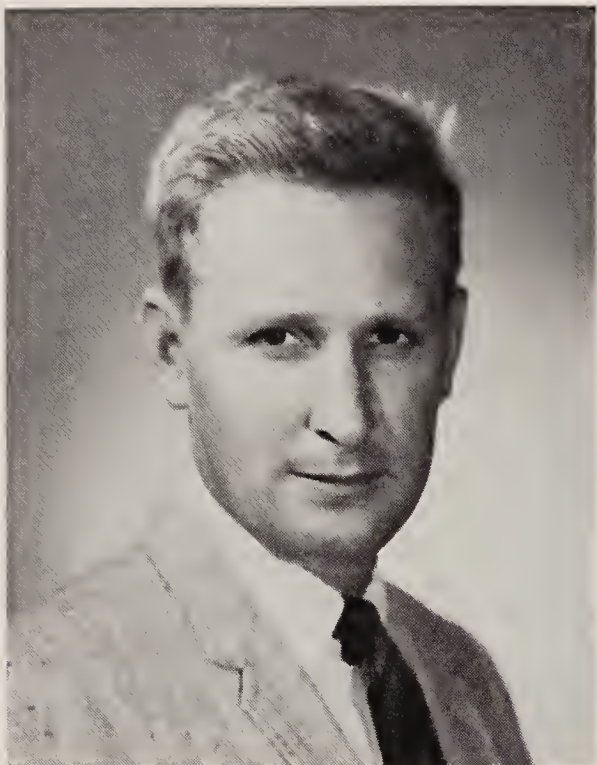
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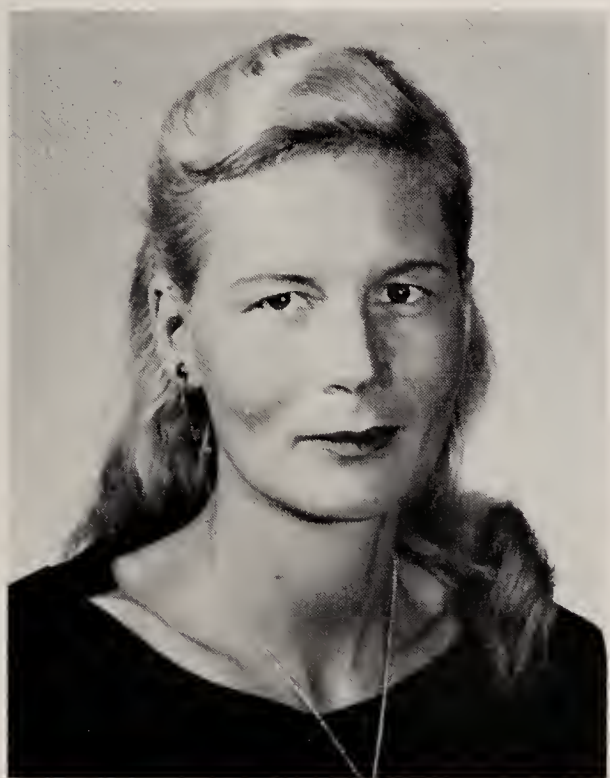
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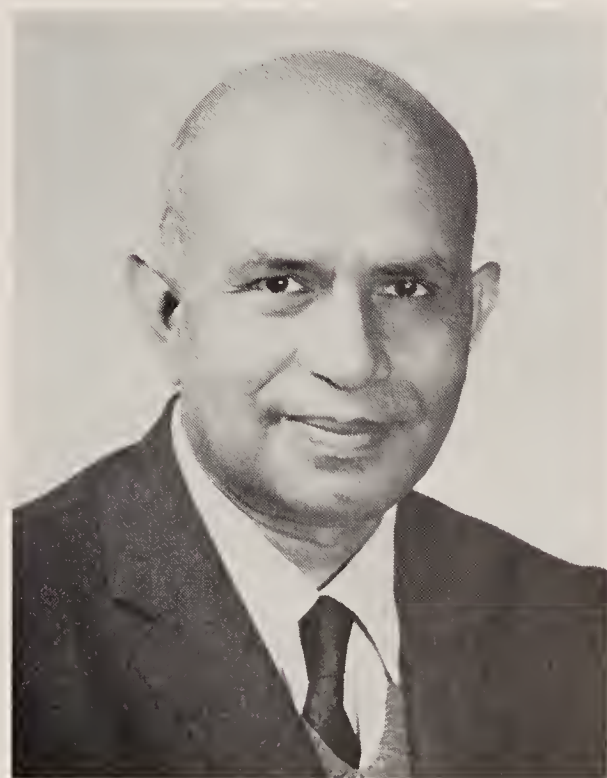
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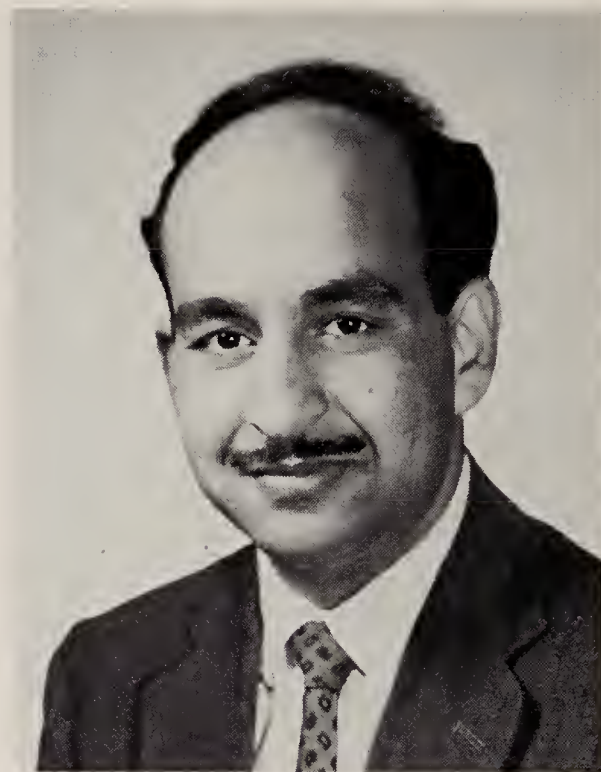
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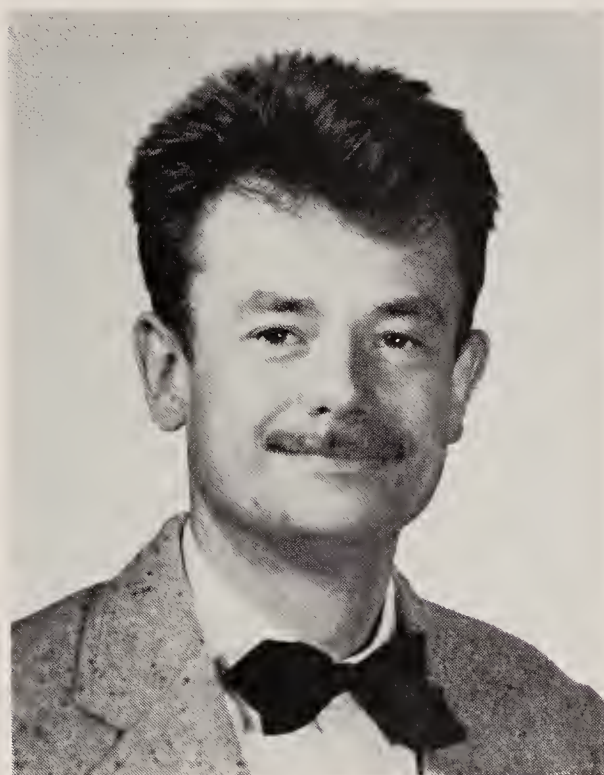


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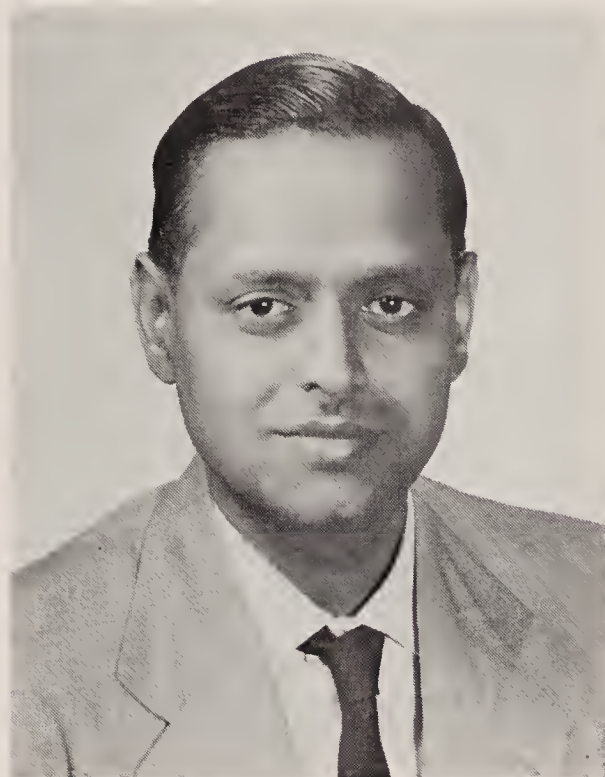


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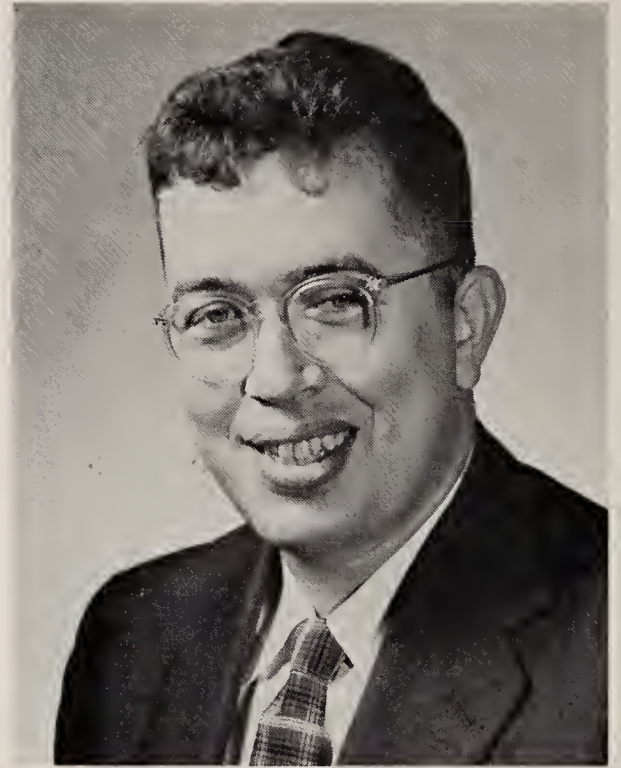
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MICHAEL RODZENKO

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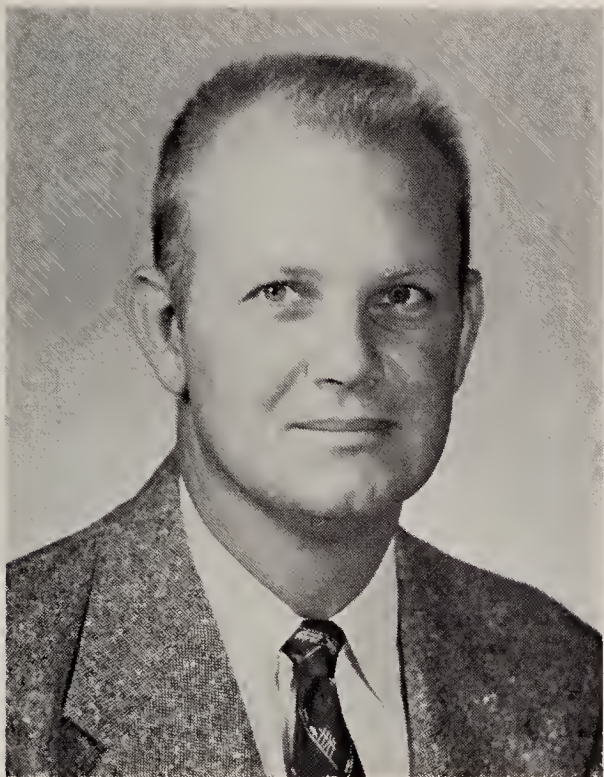
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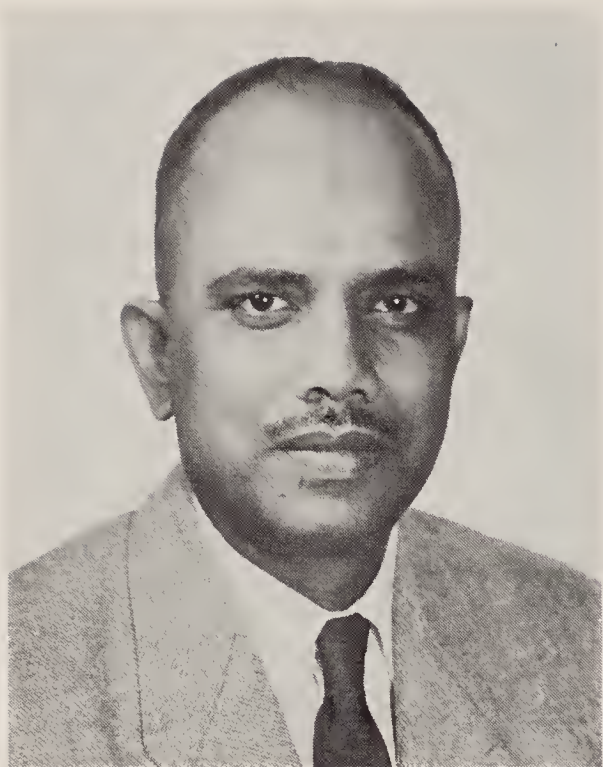
ASCHER SEGALL

4928 Ponsard Ave., Montreal, Canada; M.D.; Public Health Practice; Former position: Job-site physician, Baffin Island, Northwest Territories, Canada; Interests: Field of preventive medicine.

DANIEL SEIGEL

574 Maple St., Brooklyn 3, N. Y.; B.S., M.A., M.S.; Biostatistics; Former position: Senior Biostatistician, New York State Dept. of Health; Interests: Biostatistics, available for world travel.





GURU PRASAD SEN GUPTA

"Kalibari," Baikunthapur, P. O. Tribeni, W. Bengal, India; M.B., B.S.; Tropical Public Health; Former position: Asst. Director, Malaria Institute of India, Delhi; Next position: Same.



FERNANDO SERPA-FLOREZ

Bogota, Colombia, S. A.; M.D.; Public Health Practice; Former position: Secretary General of Ministry of Public Health, Bogota, Colombia; Next position: Asst. Director of Servicio Cooperativo Interamericano de Salud Publica ("SCISP"), Bogota.



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Entre Rios 480, Rosario, Argentina; M.D.; Preventive Medicine; Former position: Prof. of Hygiene and Social Medicine and Director of School of Public Health, Med. Faculty, Rosario, Argentina; Next position: Same.



WILLIAM G. SIMONIS

1270 Oakland Ave., Akron, Ohio; M.D.; Occupational Medicine; Former position: Medical Director, General Electric Company, Everett, Mass.; Interests: Occupational medicine in the U. S.



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SAOVANEE SUDSANEH

46 Prasaanmitra Lane, Bangkok, Thailand; B.S. Pharm., M.S., S.D.; Nutrition; Former position: Field Research Worker, Cornell Res. Center, Bangkok, Thailand; Next position: Indefinite.



W. JOLY C. STEVENSON

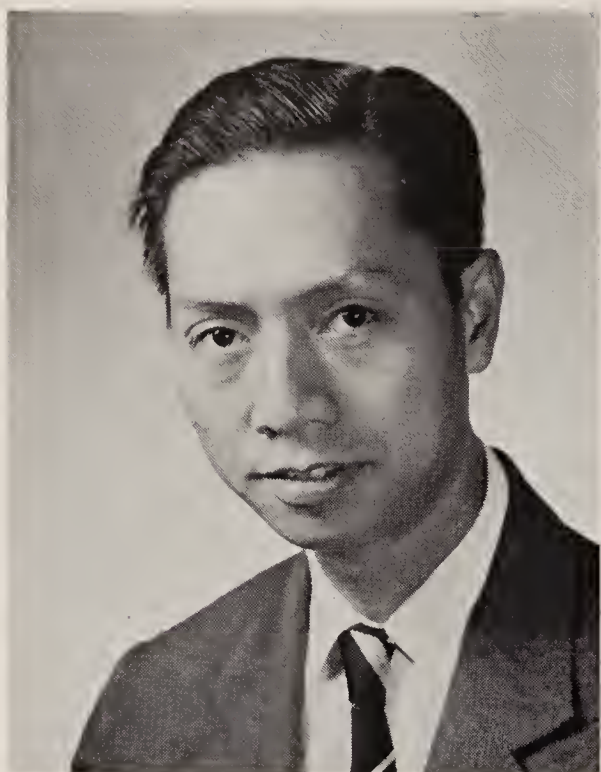
Royal Canadian Air Force, Ottawa, Canada; M.A., M.B., B.Ch., B.A.O.; Aviation Medicine; Former position: Senior Medical Officer, RCAF Station, Portage La Prairie, Manitoba, Canada; Next position: Resume duty in the RCAF in the field of Aviation Medicine.



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"Heatherlea," Dornoch Ave., Giffnock, Renfrewshire, Scotland; B.S. M.B., Ch.B., D.P.H.; Industrial Hygiene; Former position: Medical Officer and Asst. Med. Officer of Health, Chibuluma Hospital, N. Rhodesia; Interests: Industrial Medicine, industrial practice and research, public health administration and training, general practice.





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RAYMOND O. WEST

10115 Riggs Road, Adelphi, Md.; B.S., M.D.; Epidemiology; Former position: General practice, Takoma Clinic, Inc., Takoma Park, Md.; Next position: Indefinite; wish to pursue epidemiologic research program.



DONALD WILSON

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GERTRUDE M. WOODRUFF

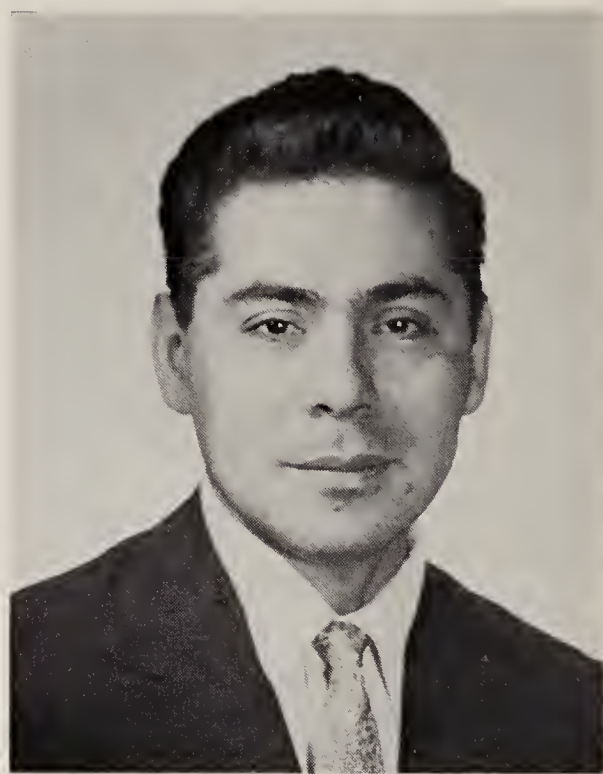
557 Church Lane, Philadelphia 44, Pa.; A.B., M.A., Ph.D.; Public Health Practice; Former position: Graduate student, Radcliffe College; Interests: Anthropology in public health.





BERNICE CATHERINE WRIGHT

2901 South Raymond Ave., Los Angeles, Calif.; B.S., M.S.W.; Public Health Practice; Former position: Coordinator of Home Care Program, City of Hope National Medical Center, Duarte, Calif.; Next position: Asst. Director of Social Service, City of Hope National Medical Center, Duarte, Calif.



GERARDO C. ZAPATA

Avenue Venezuela 817, Lima, Peru; B.S., M.D.; Nutrition; Former position: Research Fellow in Endocrinology, Dept. of Pediatrics, Univ. of Utah, Salt Lake City; Interests: Pediatrics, nutrition and endocrinology.



ROBERT W. ZELLMER

Headquarters, USAF, School of Aviation Medicine, Brooks AFB, Texas; M.D., B.S., B.A.; Aviation Medicine; Former position: Flight Surgeon, Dept. of Radiobiology, School of Aviation Medicine, Randolph AFB, Texas; Next position: Research and teaching, Nuclear Medicine, Aviation Medicine, USAF.

NOT PICTURED

WINIFRED DANARAJ

15 Ross Ave., Singapore 11, Malaya; L.M.S. M.P.H.; Epidemiology; Former position: Senior Lecturer, Dept. of Social Medicine and Public Health, University of Malaya; Next position: Same.



THE SEMIFORMAL ORGANIZATION OF THE CLASS OF 1959

The Council, left to right—Dr. John Carr (vice-president in charge of Forums), Dr. Harbans Dhillon (treasurer), Miss Kathleen O'Donoghue (for the yearbook), Dr. Guru Sen Gupta (president), Miss Bernice Wright (secretary). *Missing*—Dr. Otoniel Velasco (vice-president).

SOME OF THE CLASS COMMITTEE MEMBERS

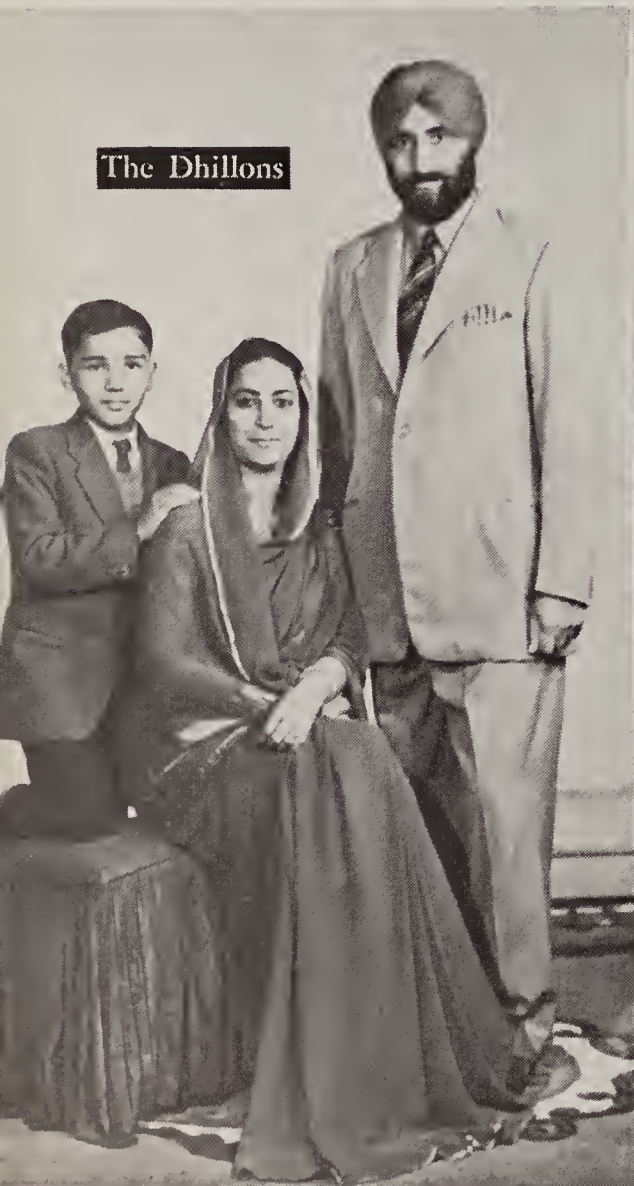
Left to right—Dr. Leavitt, Dr. John, Dr. McNamara, Dr. Wilson, Dr. Dhillon, Dr. Marx, Dr. Marriott, Dr. Harper, Dr. Simonis.



With these few photographs, we salute the public health FAMILIES. Whether or not they have been with us this year, they have provided by their interest, understanding, and sacrifice, vital meaning to our work.



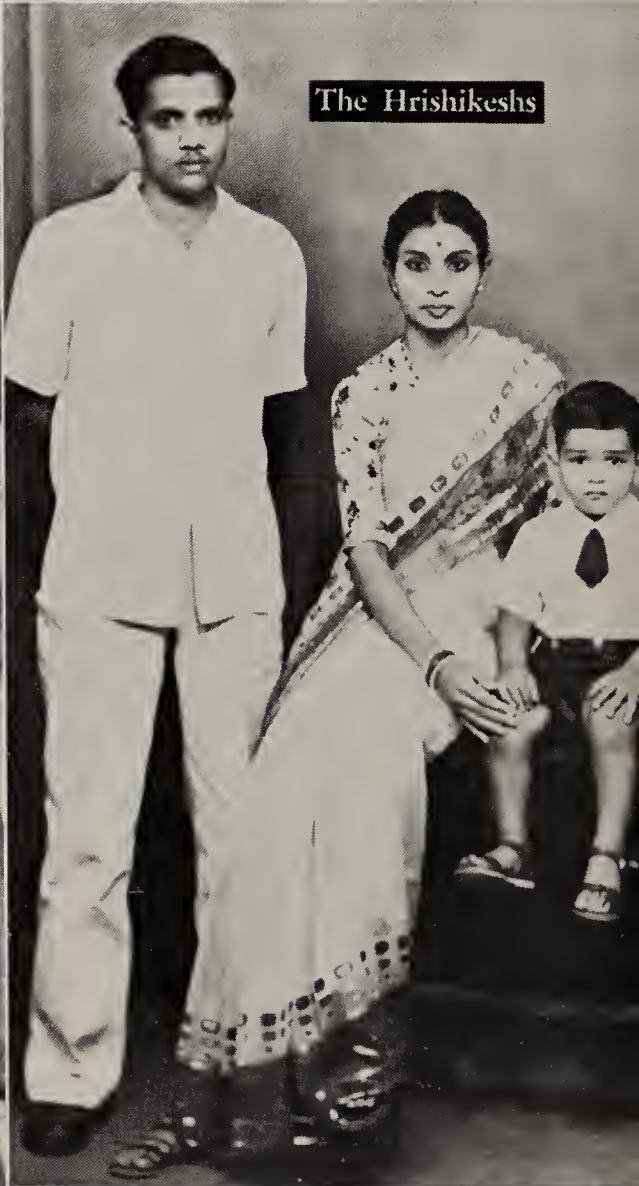
Barbara and Ed Childs



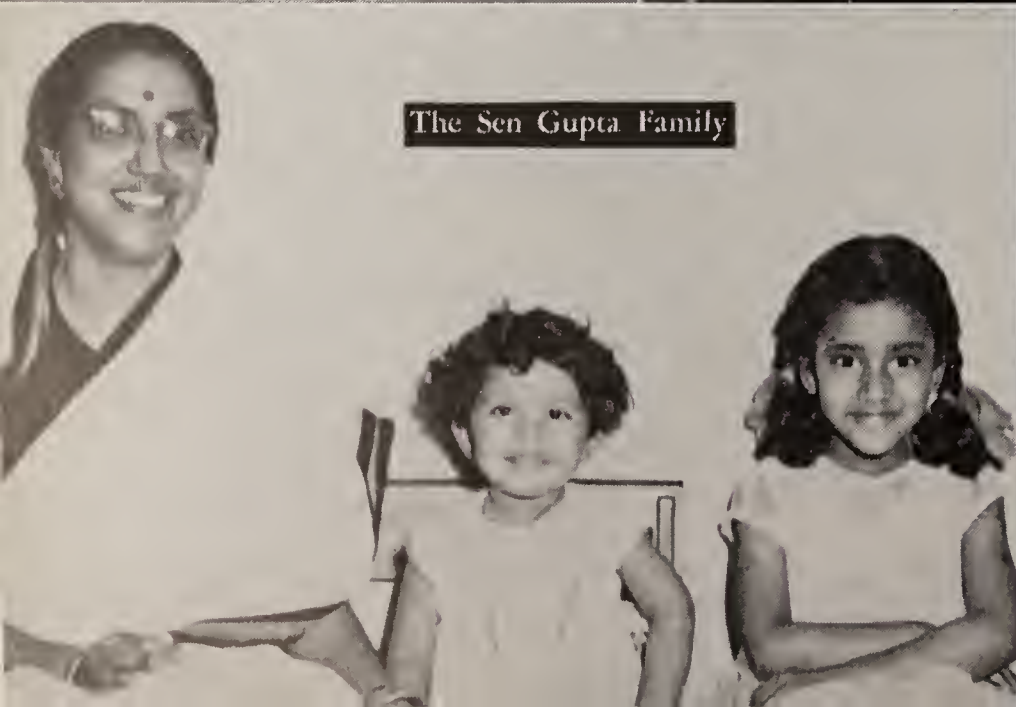
The Dhillons



The Joe Millers



The Hrishikeshs



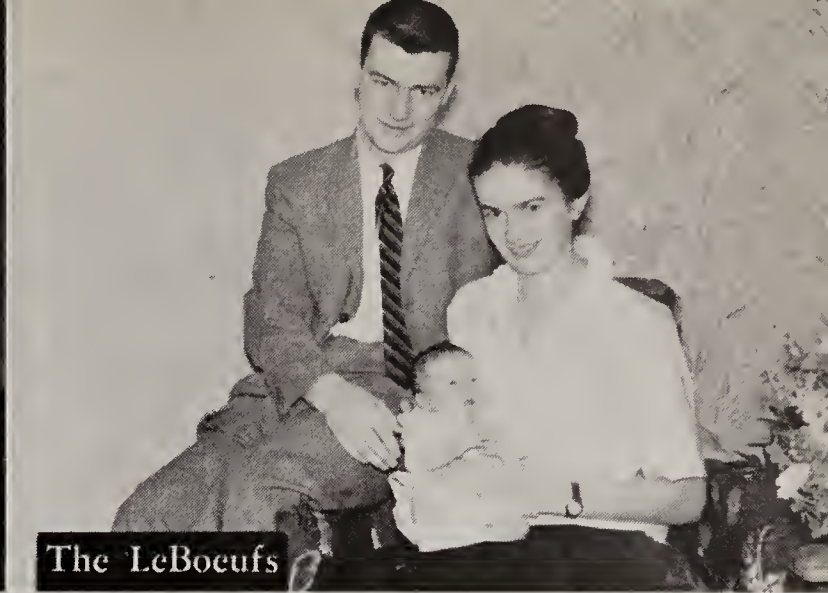
The Sen Gupta Family



The Prahlads



The Serpes-Flores



The LeBocufs



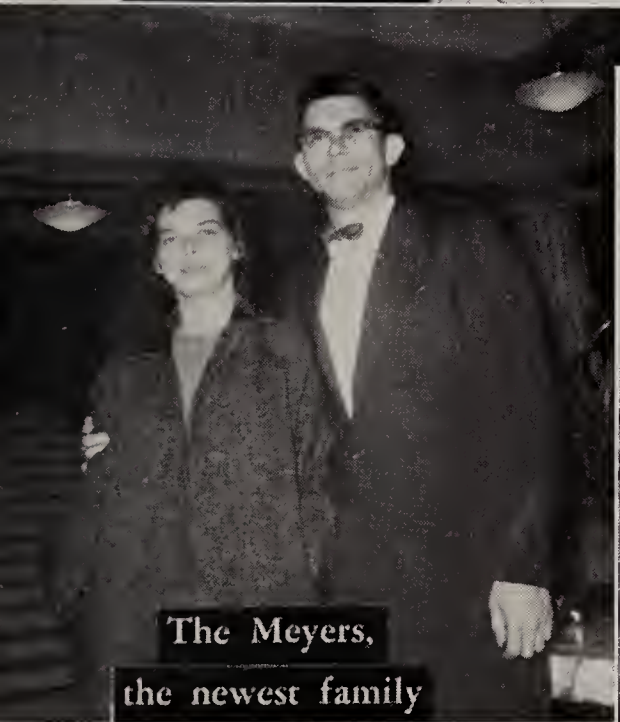
The Harper girls



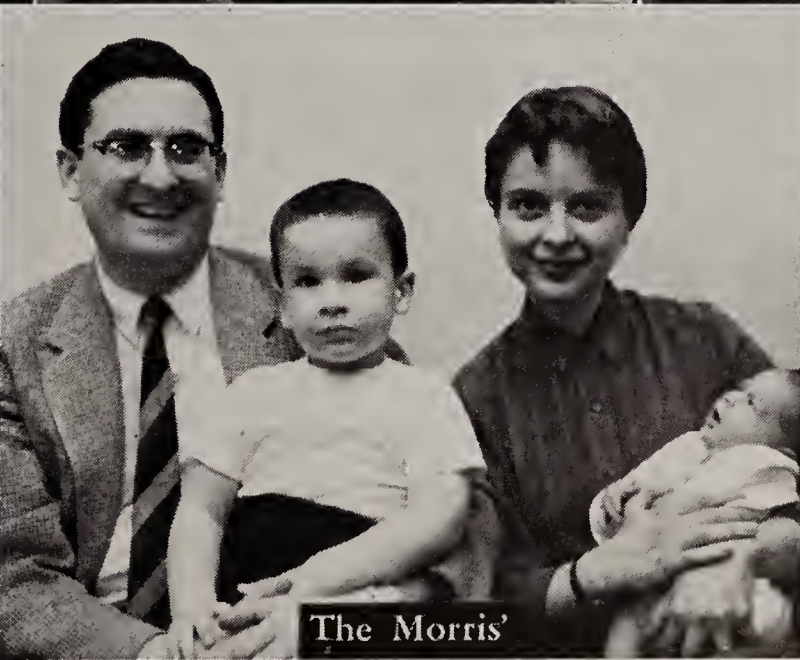
The Goverts



The Kon-taik Khaws



The Meyers,
the newest family



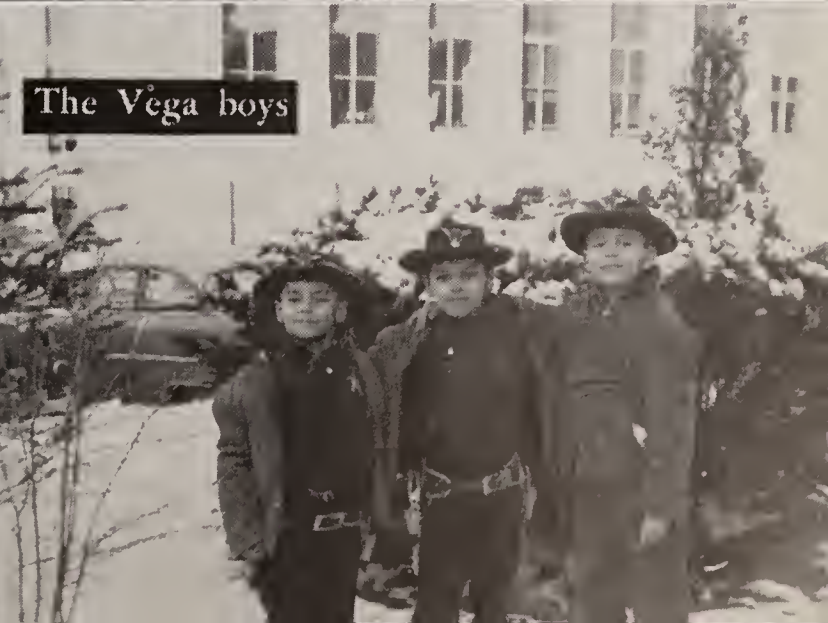
The Morris'



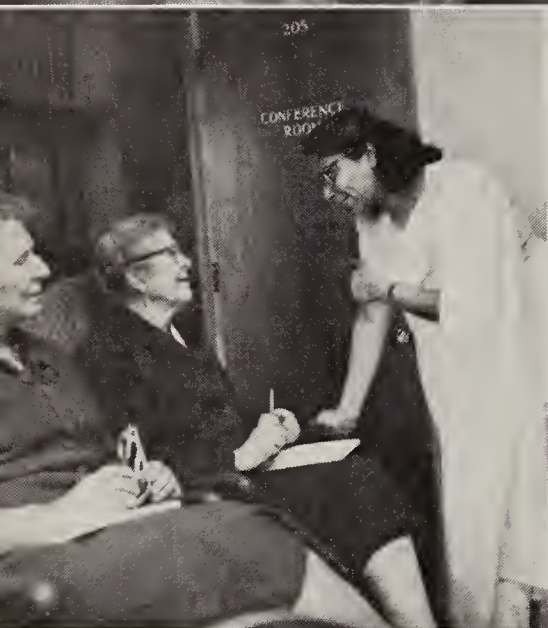
The Wests



The Flahaults



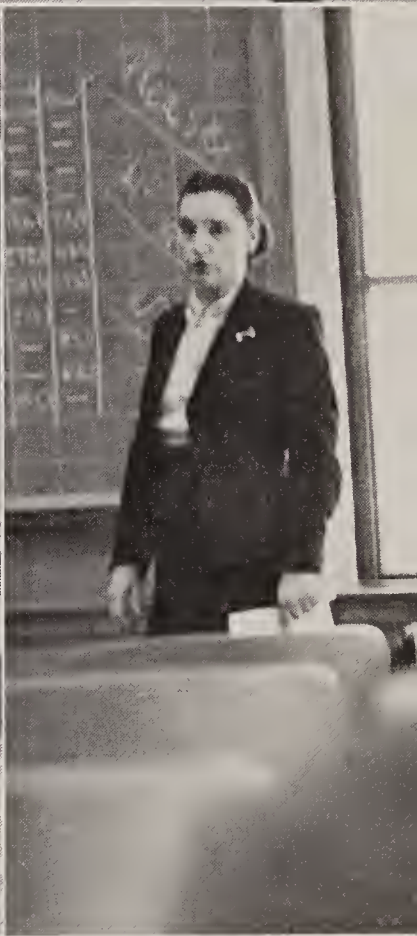
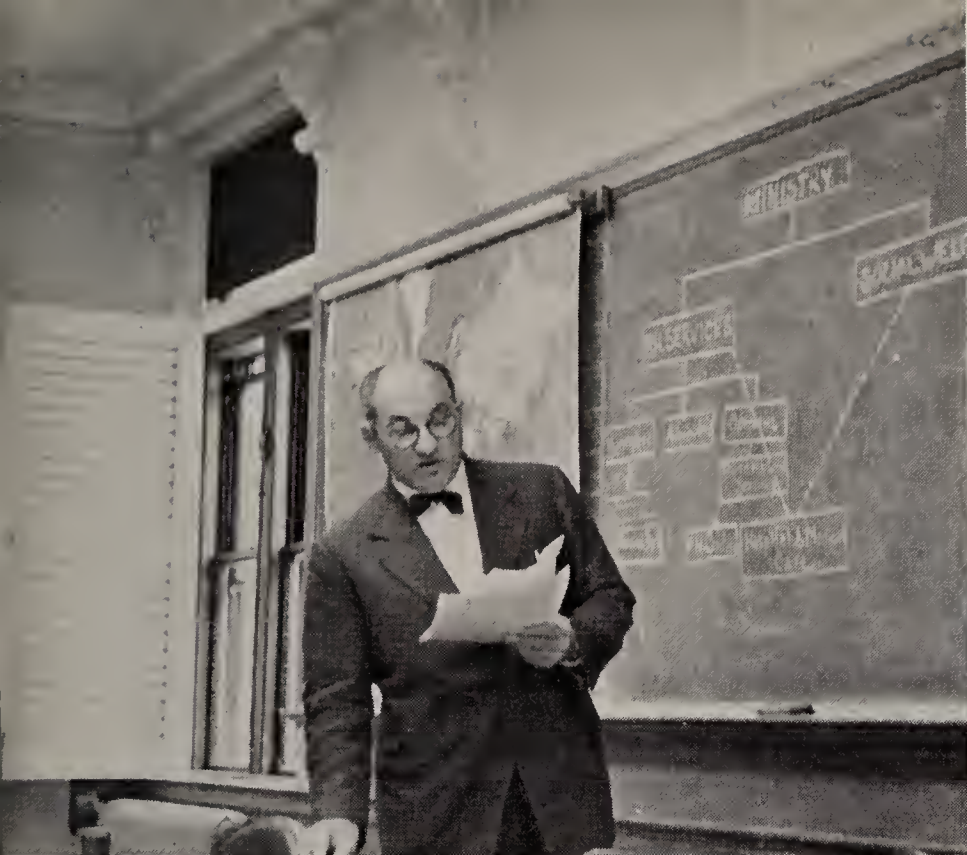
The Vega boys



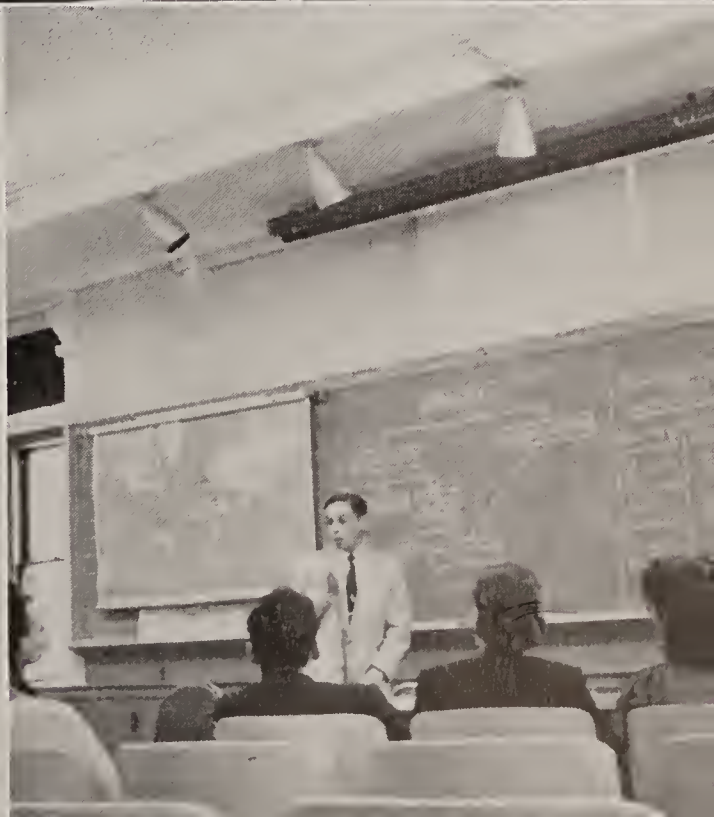
MOST QUOTABLE QUOTE OF THE YEAR:

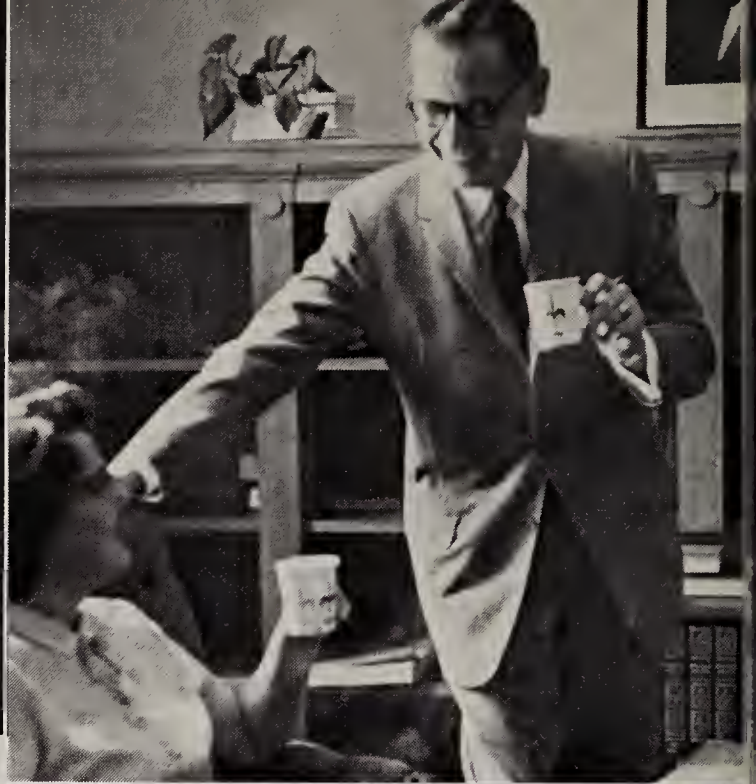
"Yes, in general, I believe in Public Health."
—Leavell, 1959.





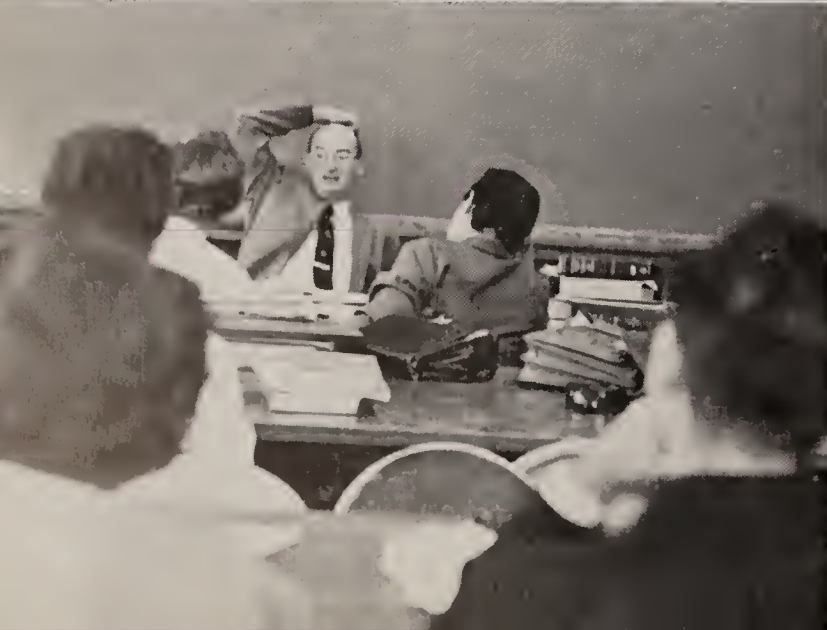
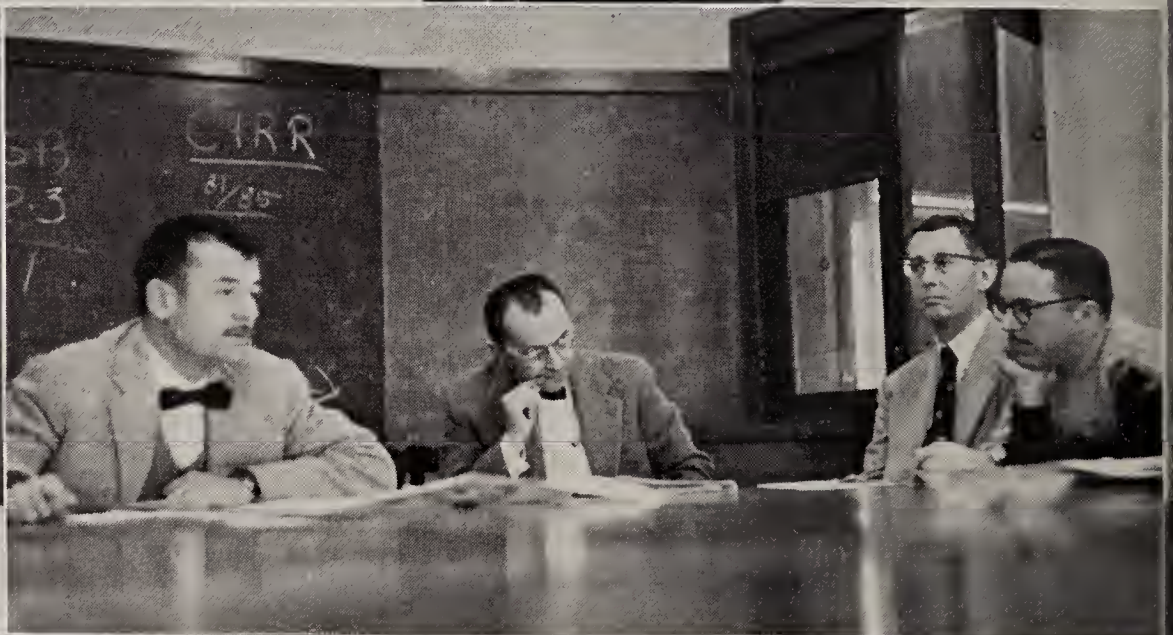
South America takes over the school — The Public Health Practice Southern Hemisphere Day.

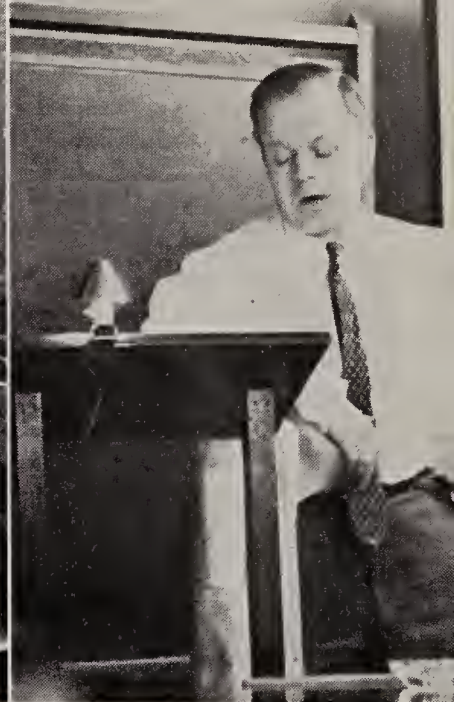




DEPARTMENT OF
UNDERSTATEMENT:

"Here's a simple-minded
example . . ." — *Semper*,
Muench, 1959.





ASK NOT FOR WHOM THE BELL TOLLS

A dozen Commandments for attaining happy longevity gleaned from lectures and 50,000± mimeographed sheets handed out during the year.

1. Do not be an infant—be born at one year, or, if this is not possible, at one month.
2. Do not permit yourself to be separated from your mother, particularly by a hospital, until you are at least three.
3. Do not be a male under any circumstances, but if this is unavoidable, marry early.
4. Do not have anything to do with snails with yellow eyebrows.
5. Do not smoke more than 10,000 packs of cigarettes, or if an Englishman, any at all.
6. Do not live in a hot, cold, damp, changeable, smog-prone, or any other recognizable climate.
7. Do not engage in any profession, drive a car, be a pedestrian or otherwise expose yourself to unnecessary hazard.
8. Do not eat anything except corn oil until the cholesterol question is settled.
9. Do not flush the toilet while the train is in the station.
10. Do not be within two (preferably three) standard deviations of the mean of any frequency distribution until you are *absolutely* sure the universe is safe.
11. Do not be color blind as this will cause fatal confusion between the Red Cross and the Green Cross.
12. Be either a family or community in case, despite these warnings, you need medical care, or if this cannot be managed, you may try the alternative of being a whole person.





THROUGH HISTORY
WITH
Z. A. SHAKHASHIRI

"... The outstanding contribution of the United States to Public Health is the Public Health Nurse and the Panama Canal."





SOCIAL NOTES FROM
ALL OVER:

"Always remember — in-
nocence is better than re-
pentance." — Fair, 1959.



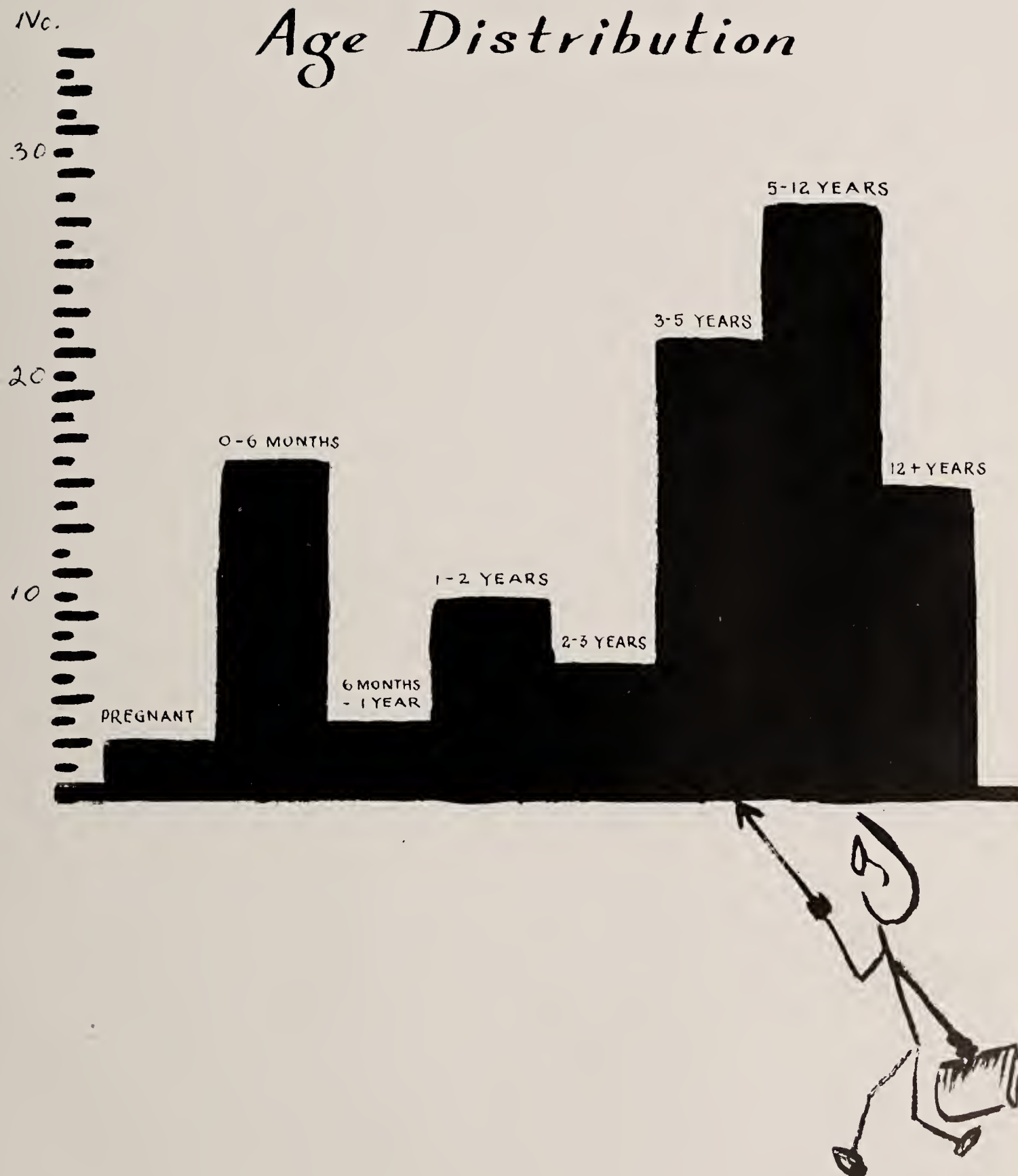
SPECIAL EVENTS

1. The Coffee Queen.
2. A baby Bonanza.
3. Christmas croaking.
4. Around the world in 70 days.
5. Congratulations, Colonel!!
6. Thanks from the yearbook group.



CLASS CHILDREN

Age Distribution



At the end of the year we have all become members of the Public Health family. This we represent by sigma mortarboard — the dedication of varied professions and experience to a common purpose.





Front row—Dr. Thomas Weller, Dr. Martha Eliot, Dr. John Snyder, Dr. Hugo Muench. Back row—Dr. Fredrick Stare, Dr. James Whittenberger, Prof. Philip Drinker, Dr. Hugh Leavell, Dr. Brian MacMahon.

DEPARTMENT HEADS

DR. JOHN SNYDER, *Dean*

DR. HUGH LEAVELL, *Assistant Dean and Public Health Practice*

DR. JAMES WHITTENBERGER, *Assistant Dean, Physiology*

PROF. PHILIP DRINKER, *Industrial Hygiene*

DR. MARTHA M. ELIOT, *Maternal and Child Health*

PROF. GORDON M. FAIR, *Sanitary Engineering*

DR. BRIAN MACMAHON, *Epidemiology*

DR. HUGO MUENCH, *Biostatistics*

DR. FREDRICK STARE, *Nutrition*

DR. THOMAS WELLER, *Tropical Health*



Coffee break for yearbook committee.

Left to right—Robert Zellmer, Edwin Child, Samuel Caldwell, Roger Meyer, Kathleen O'Donoghue.

ACKNOWLEDGMENTS

The Yearbook group would like to acknowledge the support of:

Mr. Robert W. Kelly.

Vantine Studios.

Dr. Bal Jerath, Class artist.

Paul Wasserboehr.

Miss Claire Wasserboehr.

and the advisory help of:

Miss Elizabeth Rice.

Mr. Roger Spaulding.

Dr. Ben Paul.

Dr. Carl Taylor.

HARVARD SCHOOL



CLASS

110 STUDENTS

82 Physicians	7 Nutritionists and Biochemists	
6 Nurses	4 Veterinarians	2 Dentists
2 Social Workers	2 Health Educators	2 Biostatisticians
1 Anthropologist	1 Physicist	1 Hospital Administrator

OF PUBLIC HEALTH



OF 1959

24 COUNTRIES

U. S. A and Canada, 65
Far East and Southeast Asia, 18
Europe, Middle East and Africa, 16
Central and South America, 11

